

Service
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Service Manual

Horizontal Frequency
30KHz – 80KHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

Revision List

[illegible]

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design.

Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body is grounded through wristband.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. Monitor Specifications

내 용	사 양
LCD 패널 타입	56cm Wide TFT Panel
최대 해상도	1680 x 1050(dot)
Pixel Pitch	0.282mm (가로) x 0.282mm (세로)
시야각	170/160(degree)
휘도	300cd/m ²
명암비	1,000:1(최고 10,000:1)
응답속도	2ms
입력 신호	아날로그, 디지털
입력 커넥터	D-Sub, DVI-D
화면 사이즈	473.76mm(H) x 296.1mm(V)
전원	AC110~240V, 50/60 Hz
소비 전력	49 W
모니터 크기	505.90 mm(W) × 407.20 mm(H) × 210 mm(D)
제품 무게(모니터)	4.8 kg
제품 무게(포장 상태)	5.7 kg
사용 온도	0 ℃ ~ +50 ℃
보관 온도	-20 ℃ ~ 60 ℃

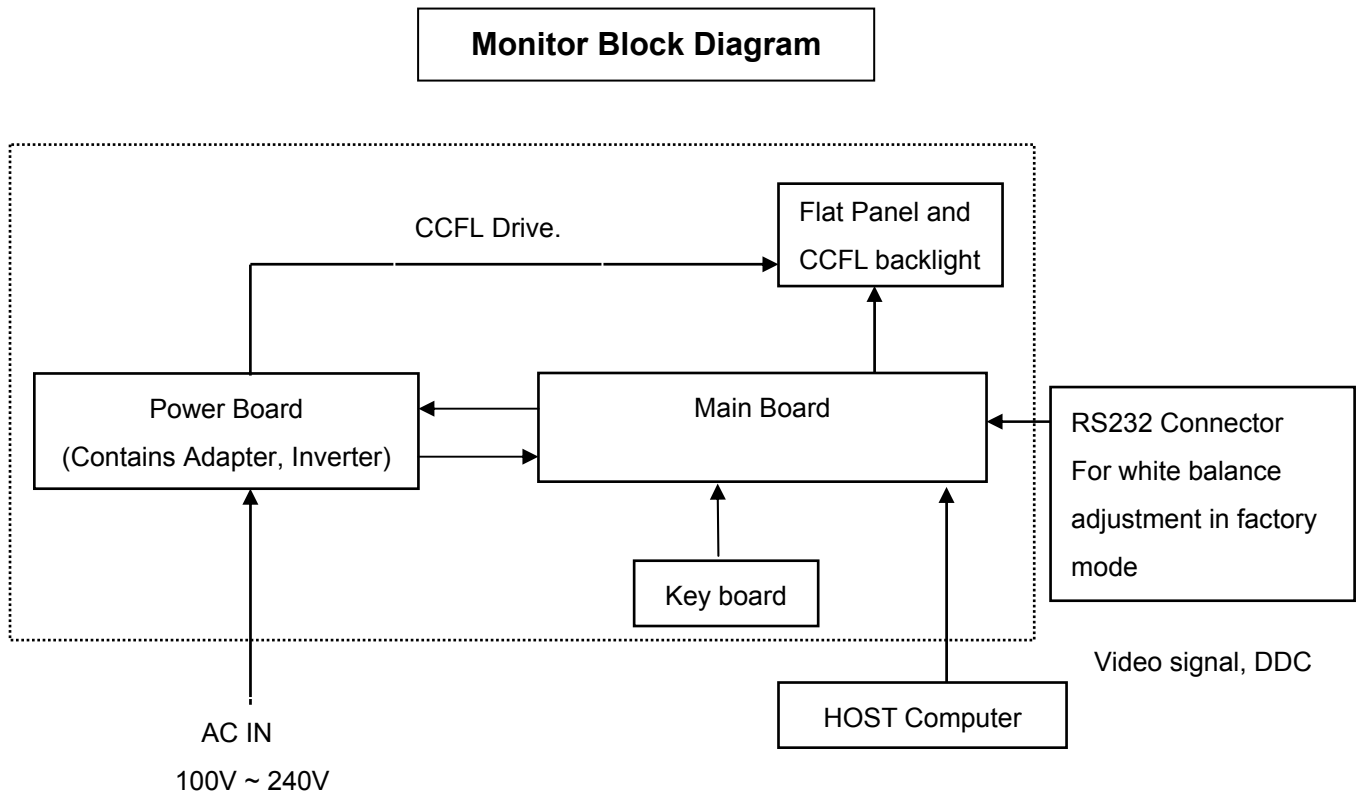
● 전원 표시등/소비 전력

모드	ON 모드	절전 모드	OFF 모드
LED	녹색	주황색	꺼짐
소비 전력	≤ 49 W(최대)	≤ 2 W	-

2. LCD Monitor Description

The LCD MONITOR will contain a main board, a power board and a key board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight and the main board chips each voltage.



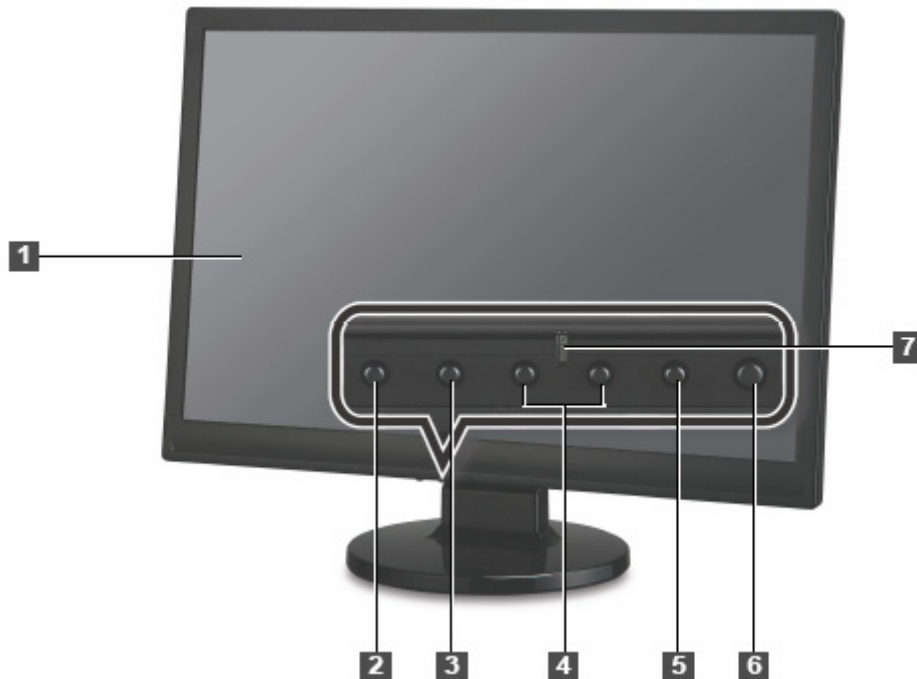
3. Operating Instructions

3.1 General Instructions

Press the power button to turn the monitor on or off. The other control buttons are located in the bottom of the bezel. By changing these settings, the picture can be adjusted to your personal preferences.

- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 Control Button



1 액정 화면(TFT LCD)

시스템의 작동 내용을 보여 줍니다.

2 Source(입력 신호 선택) 버튼

입력 신호를 선택합니다.

- Analog(아날로그) : D-Sub 케이블을 연결하여 사용할 경우 선택하십시오.
- Digital(디지털) : DVI 케이블을 연결하여 사용할 경우 선택하십시오.

3 Auto 버튼

- OSD 메뉴 화면이 없는 상태에서 이 버튼을 누르면 '자동 조정' 메시지와 함께 자동으로 현재 모드에 맞는 최상의 화면 상태로 조정됩니다.
- 서브 메뉴에서 이 버튼을 누르면 서브 메뉴를 빠져 나옵니다.

4 ◀/▶ 버튼

- OSD 화면상에서 이 버튼을 누르면 다음 메뉴 항목으로 이동합니다.
- 선택한 메뉴 항목에서 이 버튼을 누르면 조정값이 감소/증가합니다.

5 Menu 버튼

- 전원 표시등에 불이 들어온 상태에서 이 버튼을 누르면 OSD(On Screen Display) 메뉴 화면이 나타납니다.
- OSD 메뉴에서 이 버튼을 누르면 변경 설정할 메뉴를 선택할 수 있습니다.
- OSD 메뉴에서 현재 선택한 설정 값을 저장할 수 있습니다.

**6 전원 버튼**

이 버튼을 누르면 전원이 켜지고 다시 누르면 전원이 꺼집니다.

7 전원 표시등

LCD 모니터의 전원을 켜면 표시등에 녹색 불이 켜집니다.
(LCD 모니터가 절전 모드로 들어가면 표시등이 주황색으로 바뀝니다.)

3.3 Adjusting the Picture



* OSD 메인 메뉴를 나타나게 하려면 <Menu> 버튼을 눌러 주십시오.

(표시등에 불이 들어온 상태에서 <Menu> 버튼을 눌러야 OSD 메인 메뉴가 나타납니다.)

* <◀/▶> 버튼을 눌러 각 메뉴로 이동한 후 <Menu> 버튼을 누르면 해당 서브 메뉴가 선택됩니다.

1 밝기/명암

LCD 화면의 밝기 및 명암을 조정할 수 있습니다.

- 명암 : 화면의 명암을 조정할 수 있습니다.
- 밝기 : 화면의 밝기를 조정할 수 있습니다.
- Eco : 표준모드, 텍스트 모드, 인터넷 모드, 게임 모드, 영화 모드, 스포츠 모드
- 감마 : 감마1, 감마2, 감마3으로 조정
- DCR : Off일 경우 DCR이 해제되고, On일 경우 DCR이 작동합니다.

(본 기능은 동영상(게임 또는 영화)을 즐길 경우 유익한 기능입니다.)

2 이미지 설정

화면 이미지의 설정값을 조정합니다.

- 미세조정(Clock) : 화면의 화소수를 증가 또는 감소시켜 미세 조정을 맞추어 화질을 조정합니다.
- 선명도 : 화면의 초점을 조정할 수 있습니다.
- 수평 위치 : 화면의 위치를 좌, 우로 조정합니다.
- 수직 위치 : 화면의 위치를 상, 하로 조정합니다.

3 색상 선택

색상의 설정값을 조정합니다.

- 따뜻한 색 : 색온도를 따뜻하게 설정합니다.
- 기본 색 : 색온도를 표준으로 설정합니다.
- 시원한 색 : 색온도를 차갑게 설정합니다.
- sRGB : sRGB에 적합한 색온도를 설정합니다.
- 사용자
 - User-R : 붉은색 값을 변경합니다.
 - User-G : 녹색 값을 변경합니다.
 - User-B : 푸른색 값을 변경합니다.
 - User-Y : 노란색 값을 변경합니다.
 - User-C : 청록색 값을 변경합니다.
 - User-M : 자홍색 값을 변경합니다.

4 색상 향상

이미지 환경에 맞게 색상을 조정할 수 있습니다.

- Full Enhance(생생한 모드) : 생기있는 화면 적합 모드
- Nature Skin(네이처 스킨 모드) : 인물 표현 적합 모드
- Green Field(그린 필드 모드) : 넓은 초원 등을 볼 때 적합한 모드
- Sky-blue(스카이 블루 모드) : 바다, 하늘 등의 색 표현에 적합 모드
- Auto Detect(자동 탐색 모드) : 자동 설정 모드
- Demo(데모)

5 화면 설정

화면 특정 부분만을 선택하여 설정 값을 조정할 수 있습니다.

- Frame Size : 프레임 사이즈 조정
- 밝기 : 프레임 밝기 조정
- 명암 : 프레임 명암 조정
- 색조 : 프레임 색상 조정
- 채도 : 프레임 채도 조정
- 위치
 - 수평 위치 : 프레임의 위치를 좌, 우로 조정합니다.
 - 수직 위치 : 프레임의 위치를 상, 하로 조정합니다.
- Bright Frame : 밝은 프레임 설정

6 OSD 설정

OSD 메뉴의 수평, 수직, 시간, 언어 등의 설정을 변경할 수 있습니다

- 수평 위치 : OSD 메뉴의 수평 위치를 조정할 수 있습니다.
- 수직 위치 : OSD 메뉴의 수직 위치를 조정할 수 있습니다.
- OSD 지속 시간 : OSD 메뉴의 지속 시간을 설정할 수 있습니다.
- 언어 : OSD 메뉴의 언어를 선택할 수 있습니다.

7 기타

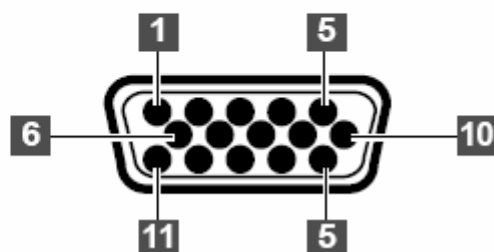
- 입력 선택 : 아날로그/디지털 입력 신호를 선택합니다.
- 자동 조정 : 화면 위치/클럭/위상을 자동으로 조정하여 최적의 화면을 맞춥니다.
(단, D-SUB에서만 해당됨)
- DDC/CI : DDC/CI 기능을 설정합니다.
- 화면 크기 : 화면을 확대 또는 4:3 비율로 설정합니다.
- 초기화 : 모니터 출하 시의 기본 설정 값으로 변경됩니다.
- 정보 : 현재 해상도, 수평/수직 주파수, 입력 신호에 대한 정보를 알려 줍니다.

4. Input/Output Specification

4.1 Input Signal Connector

● D-SUB 입력 케이블

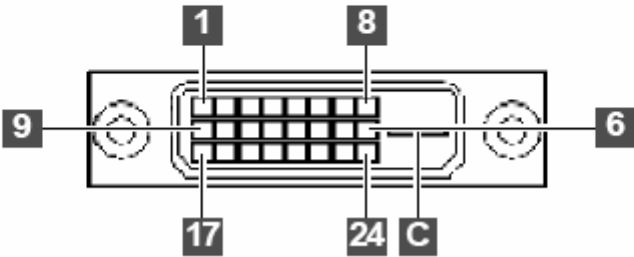
15핀 D-Sub 커넥터가 입력 신호 단자로 사용됩니다. 핀과 입력 신호는 아래표를 참조하십시오.



핀번호	신호 이름
1	적색
2	녹색
3	청색
4	접지
5	접지
6	적색 접지
7	녹색 접지
8	청색 접지
9	+5 Vcc
10	Detect 케이블
11	접지
12	DDC 시리얼 데이터
13	수평 동기
14	수직 동기
15	DDC 시리얼 클럭

●DVI 입력 케이블

24 핀 DVI 커넥터가 입력 신호 단자를 사용합니다. 핀과 입력 신호는 아래표를 참조하십시오.



핀 번호	신호 커넥터	핀 번호	신호 커넥터
1	TDMS D2-	14	+5V POWER
2	TDMS D2+	15	GND(for +5V)
3	TDMS D2/4 Shield	16	HPD(Hot Plug Detect)
4	N.C.	17	TDMS D0-
5	N.C.	18	TDMS D0+
6	DDC CLK	19	TDMS D0/5 Shield
7	DDC DATA	20	N.C.
8	N.C.	21	N.C.
9	TDMS D1-	22	TDMS Clock Shield
10	TDMS D1+	23	TDMS Clock+
11	TDMS D1/3 Shield	24	TDMS Clock-
12	N.C.		
13	N.C.	C	N.C.

4.2 Preset operating modes

지원 가능한 모드는 아래와 같습니다.

MODES			
모드명	해상도	수평 주파수 +/-0.5 kHz	수직 주파수 +/-1 Hz
DOS	720×400@70 Hz	31.47 kHz	70.000 Hz
VGA	640×480@60 Hz	31.469 kHz	59.940 Hz
	640×480@75 Hz	37.500 kHz	75.000 Hz
SVGA	800×600@60 Hz	37.879 kHz	60.317 Hz
	800×600@75 Hz	46.875 kHz	75.000 Hz
XGA	1024×768@60 Hz	48.363 kHz	60.004 Hz
	1024×768@70 Hz	56.476 kHz	70.069 Hz
	1024×768@75 Hz	60.023 kHz	75.029 Hz
	1280×800@60 Hz	49.800 kHz	60.000 Hz
SXGA	1280×1024@60 Hz	63.981 kHz	60.020 Hz
	1280×1024@75 Hz	79.976 kHz	75.025 Hz
WXGA+	1440×900@60 Hz	55.935 kHz	59.8 Hz
WSXGA+	1680×1050@60 Hz	64.674 kHz	60.000 Hz

4.3 Power Supply Features

• A/C Line voltage range:	90 V - 264 V
• A/C Line frequency range:	50 Hz - 60Hz
• Current:	1.5 A max. at 100V/1.5A max. at 240V
• Peak surge current:	< 55 A peak at 240 V AC and cold starting
• Leakage current:	< 1.5 mA for power from PC-outlet < 3.5 mA for power from Wall-outlet
• Power line surge:	No adverse effects (no loss of information or defect) with a maximum of 1 half wave missing per second
Power factor correction	According to EN 61000-3-2

4.4 Panel Specification

M220Z1-L03

OVERVIEW

The M220Z1-L03 model is a 22 inch wide TFT-LCD module with a 4-CCFL Backlight Unit and a 30-pin 2ch-LVDS interface. This module supports 1680 x 1050 WSXGA+ (16:10 wide screen) mode and displays up to 16.7 millions colors. The inverter module for the Backlight Unit is not built in.

General Specifications

Item	Specification	Unit	Note
Diagonal size	558.68	mm	
Active Area	473.76x296.1	mm	(1)
Bezel Opening Area	477.7 (H) x 300.1 (V)	mm	
Driver Element	a-Si TFT active matrix	-	-
Pixel Number	1680 x R.G.B. x 1050	pixel	-
Pixel Pitch	0.282(H) x 0.282(V)	mm	-
Pixel Arrangement	RGB vertical stripe	-	-
Display Colors	16.7 millions	color	-
Transmissive Mode	Normally White	-	-
Surface Treatment	Hard coating (3H), AG (Haze 25%)	-	-

Mechanical Specifications

Item		Min.	Typ.	Max.	Unit	Note
Module Size	Horizontal(H)	493.2	493.7	494.2	mm	(1)
	Vertical(V)	319.6	320.1	320.6	mm	
	Depth(D)	16	16.5	17	mm	
Weight				2550	g	
I/F connector mounting position		The mounting inclination of the connector makes the screen center within ±0.5 mm as the horizontal.				

Note (1) Please refer to the attached drawings for more information of front and back outline dimensions.

Electrical Characteristics

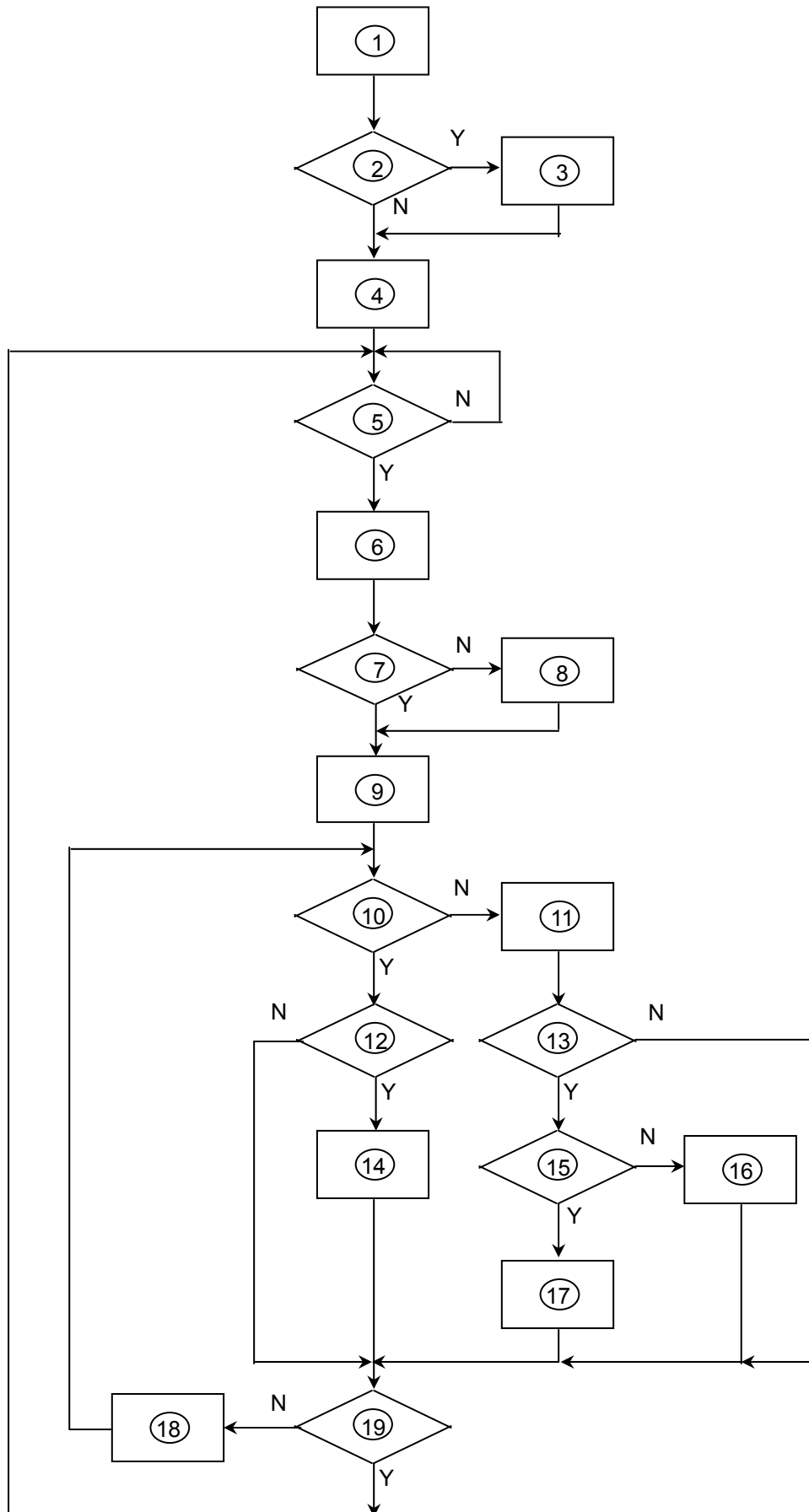
Parameter		Symbol	Value			Unit
			Min.	Typ.	Max.	
Power Supply Voltage		V _{CC}	4.5	5.0	5.5	V
Ripple Voltage		V _{RP}	-	--	250	mV
Rush Current		I _{RUSH}	-	--	3	A
Power Supply Current	White	I _{CC}	-	630	819	mA
	Black		-	1170	1521	mA
	f _v = 75Hz, V _{CC} =4.5V		-	1330	1729	mA
LVDS differential input voltage		V _{ID}	200	-	600	mV
LVDS common input voltage		V _{IC}	--	1.2	--	V

Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Color Chromaticity	Red	R _x	$\theta_x=0^\circ, \theta_Y=0^\circ$ CS-1000T R=G=B=255 Grayscale	Typ – 0.03	0.649	Typ + 0.03	
		R _y			0.335		
	Green	G _x			0.283		
		G _y			0.605		
	Blue	B _x			0.151		
		B _y			0.073		
	White	W _x			0.313		
		W _y			0.329		
Center Luminance of White		L _C		250	300	---	cd/m ²
Contrast Ratio		CR		700	1000	---	-
Response Time		T _R	$\theta_x=0^\circ, \theta_Y=0^\circ$	---	1.3	2.2	ms
		T _F		---	3.7	5.8	ms
White Variation		δW	$\theta_x=0^\circ, \theta_Y=0^\circ$	---	1.3	1.42	-
Viewing Angle	Horizontal	θ _x +	CR>10	75	85	---	Deg.
		θ _x -		75	85	---	
	Vertical	θ _Y +		70	80	---	
		θ _Y -		70	80	---	

5. Block Diagram

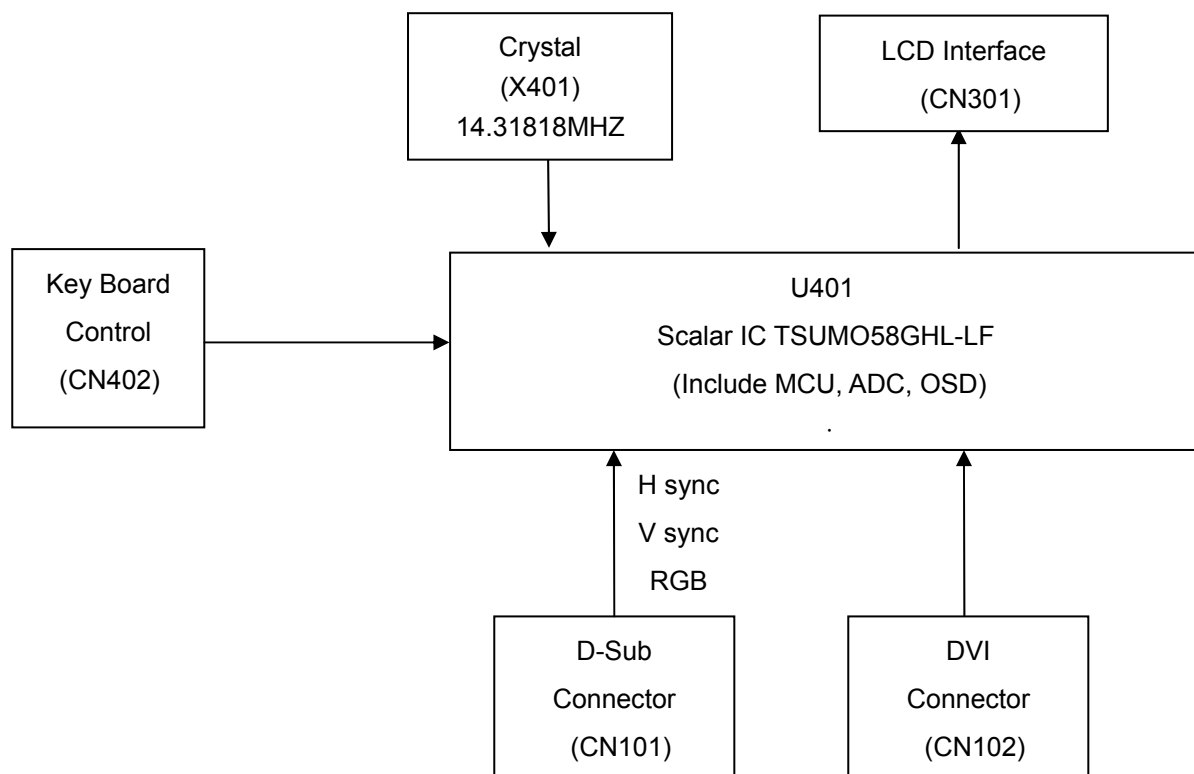
5.1 Software Flow Chart



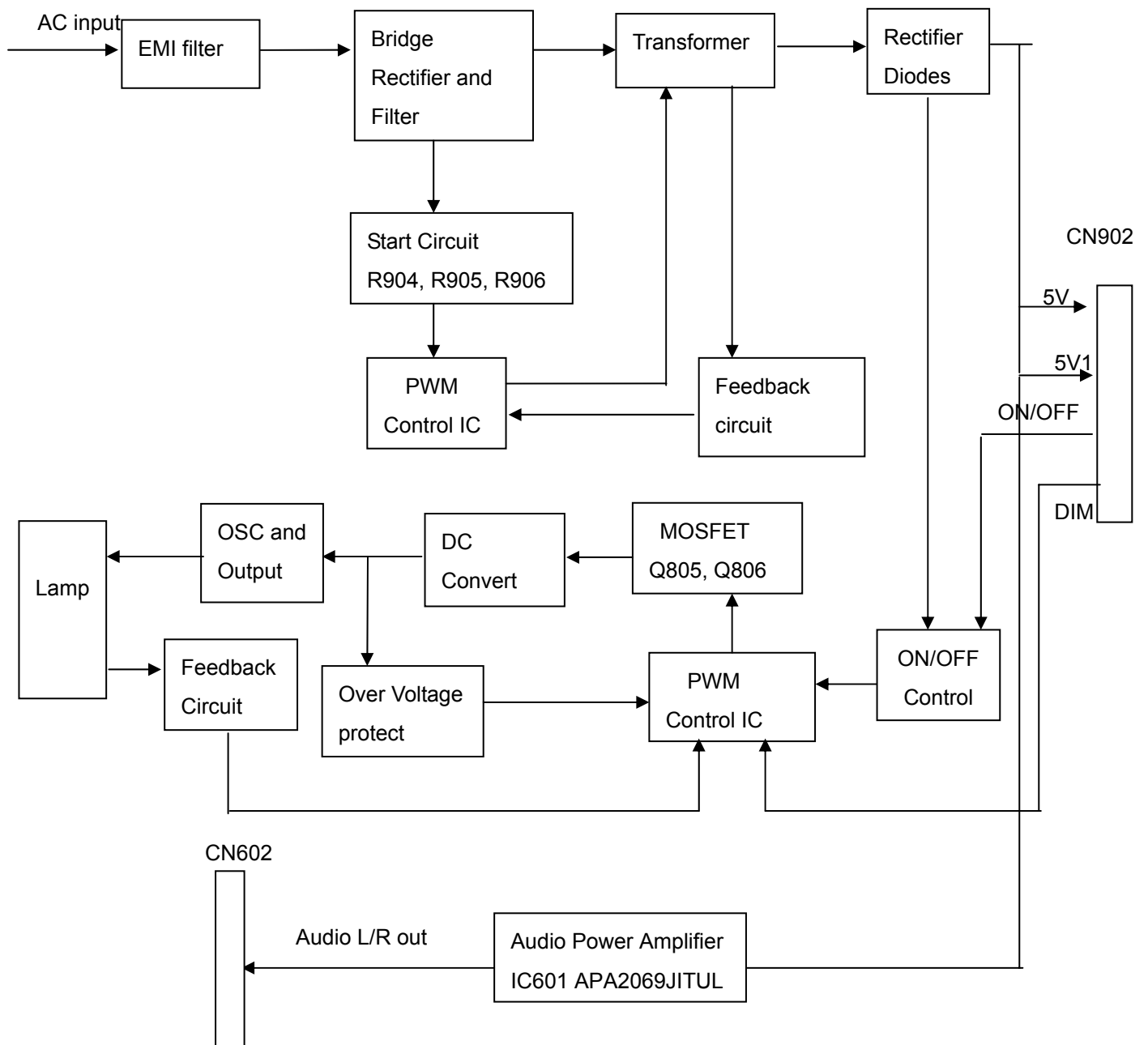
- 1). MCU initialize.
- 2). Is the EEPROM blank?
- 3). Program the EEPROM by default values.
- 4). Get the PWM value of brightness from EEPROM.
- 5). Is the power key pressed?
- 6). Clear all global flags.
- 7). Are the AUTO and SELECT keys pressed?
- 8). Enter factory mode.
- 9). Save the power key status into EEPROM. Turn on the LED and set it to green color. Scalar initialize.
- 10). In standby mode?
- 11). Update the life time of back light.
- 12). Check the analog port, are there any signals coming?
- 13). Does the scalar send out an interrupt request?
- 14). Wake up the scalar.
- 15). Are there any signals coming from analog port?
- 16). Display "No connection Check Signal Cable" message. And go into standby mode after the message disappears.
- 17). Program the scalar to be able to show the coming mode.
- 18). Process the OSD display.
- 19). Read the keyboard. Is the power key pressed?

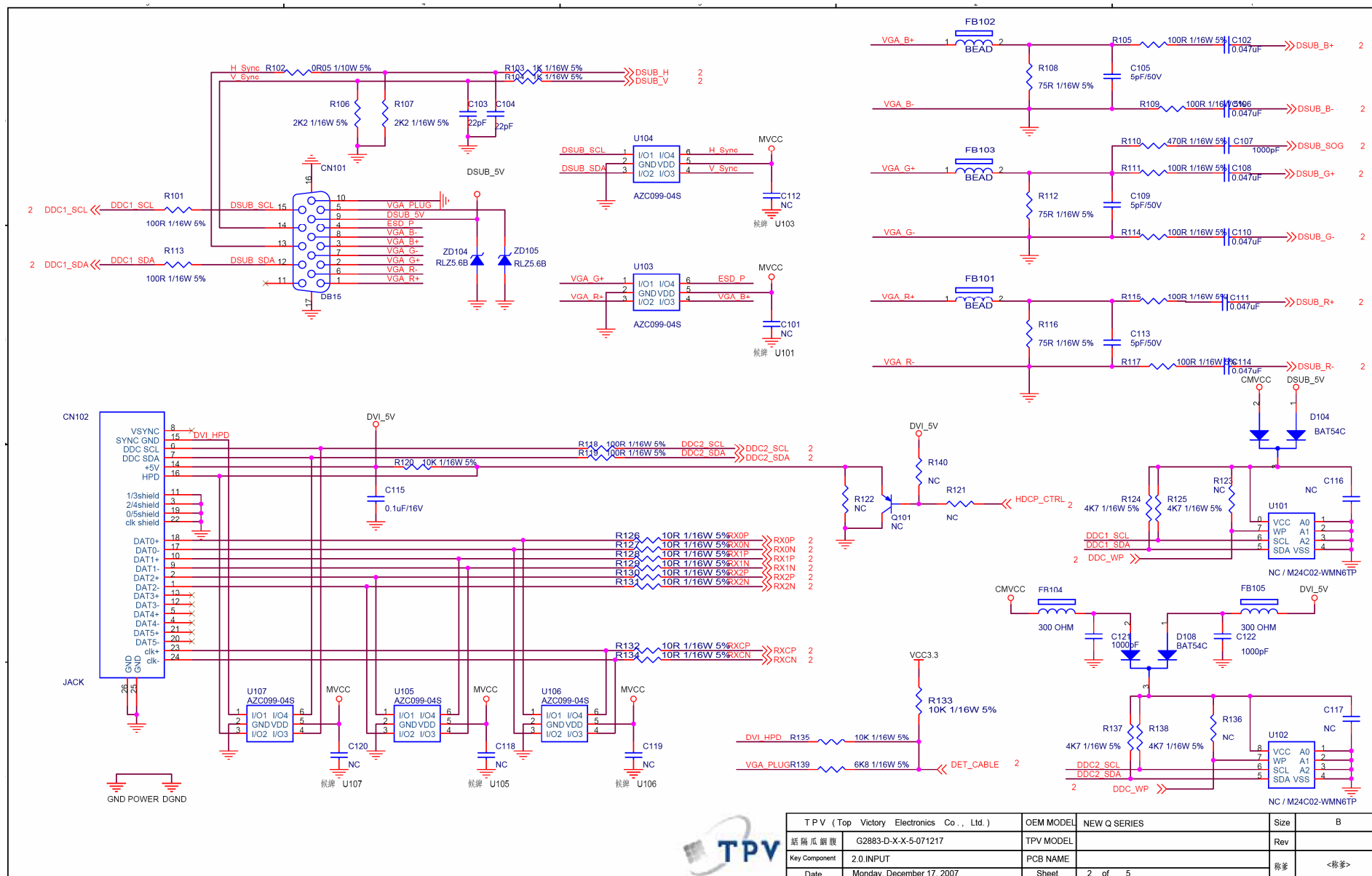
5.2 Electrical Block Diagram

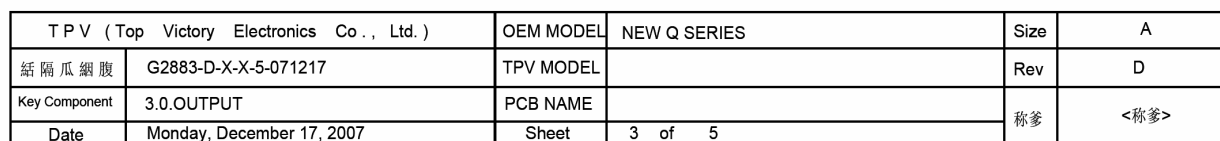
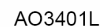
5.2.1 Scaler Board Block Diagram

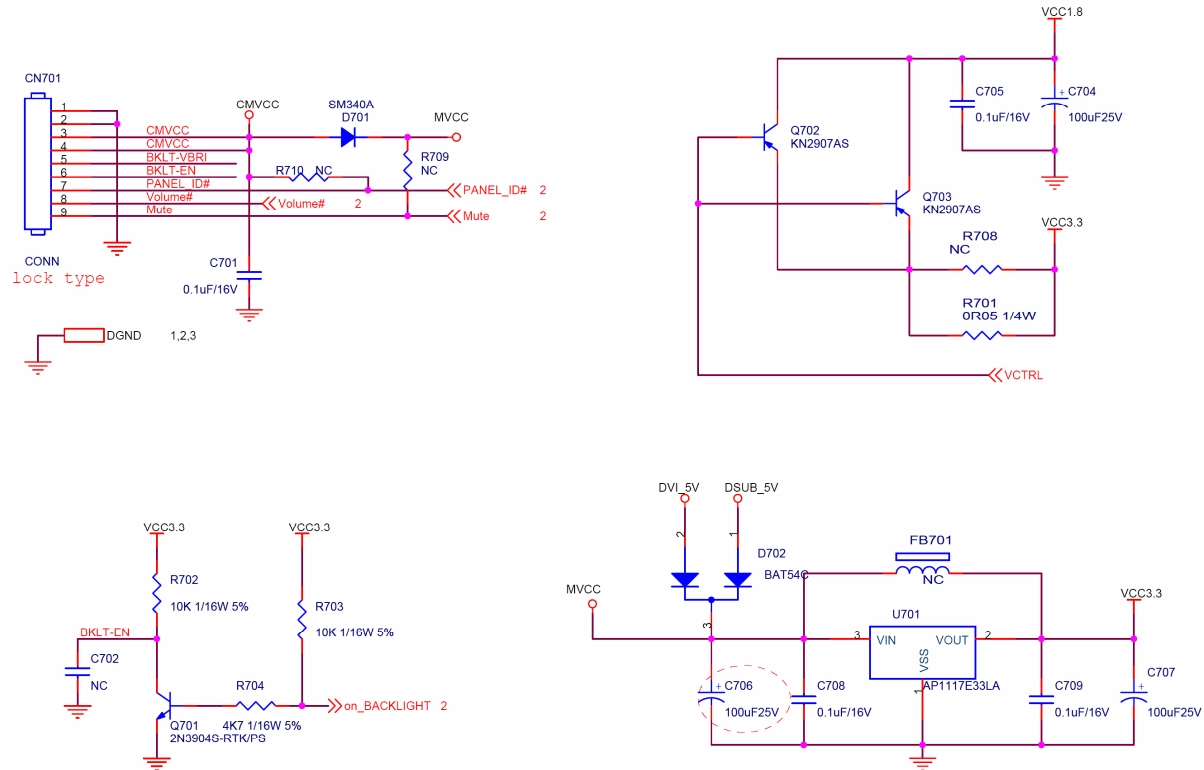


5.2.2 Power Board Block Diagram





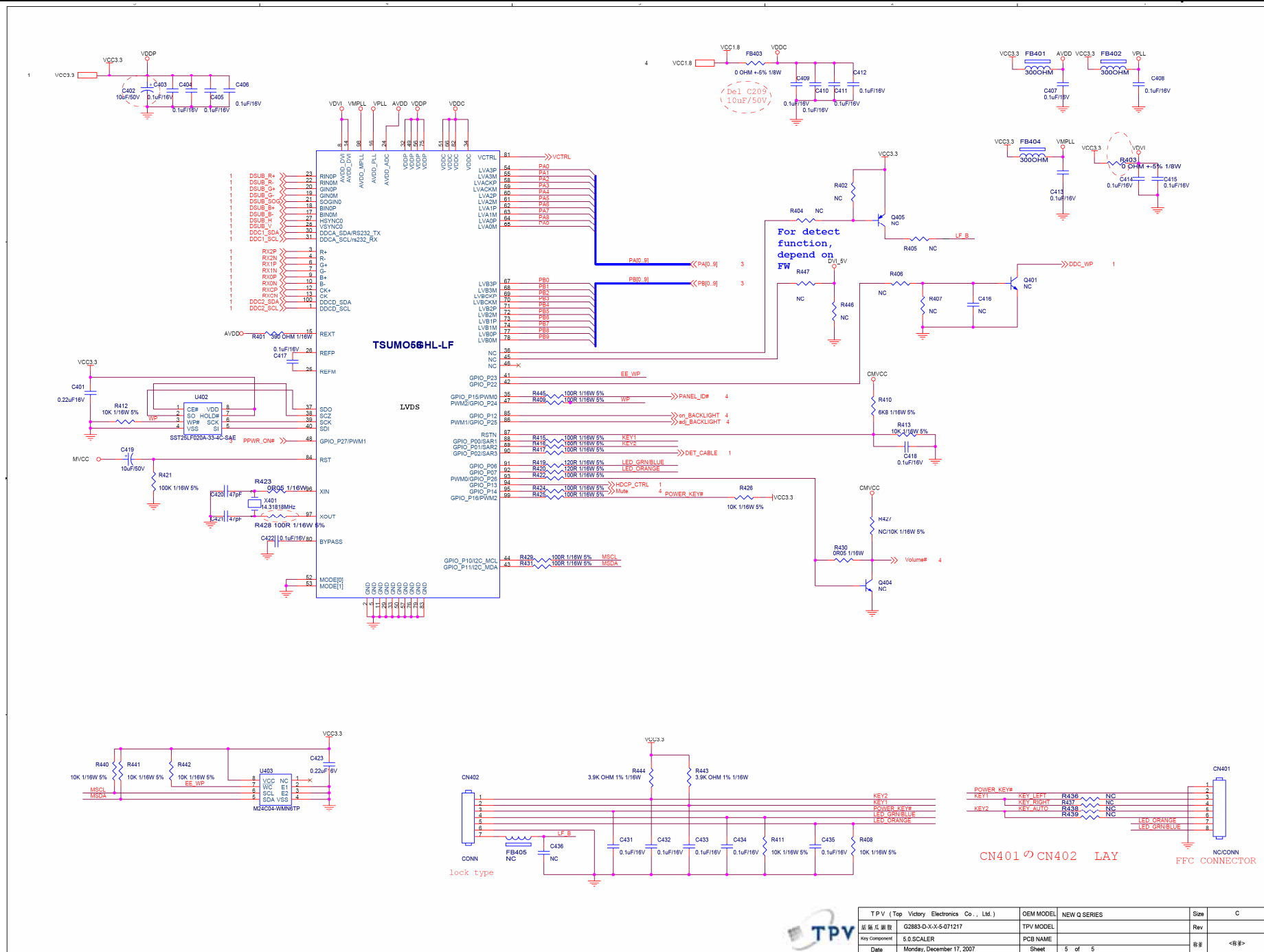


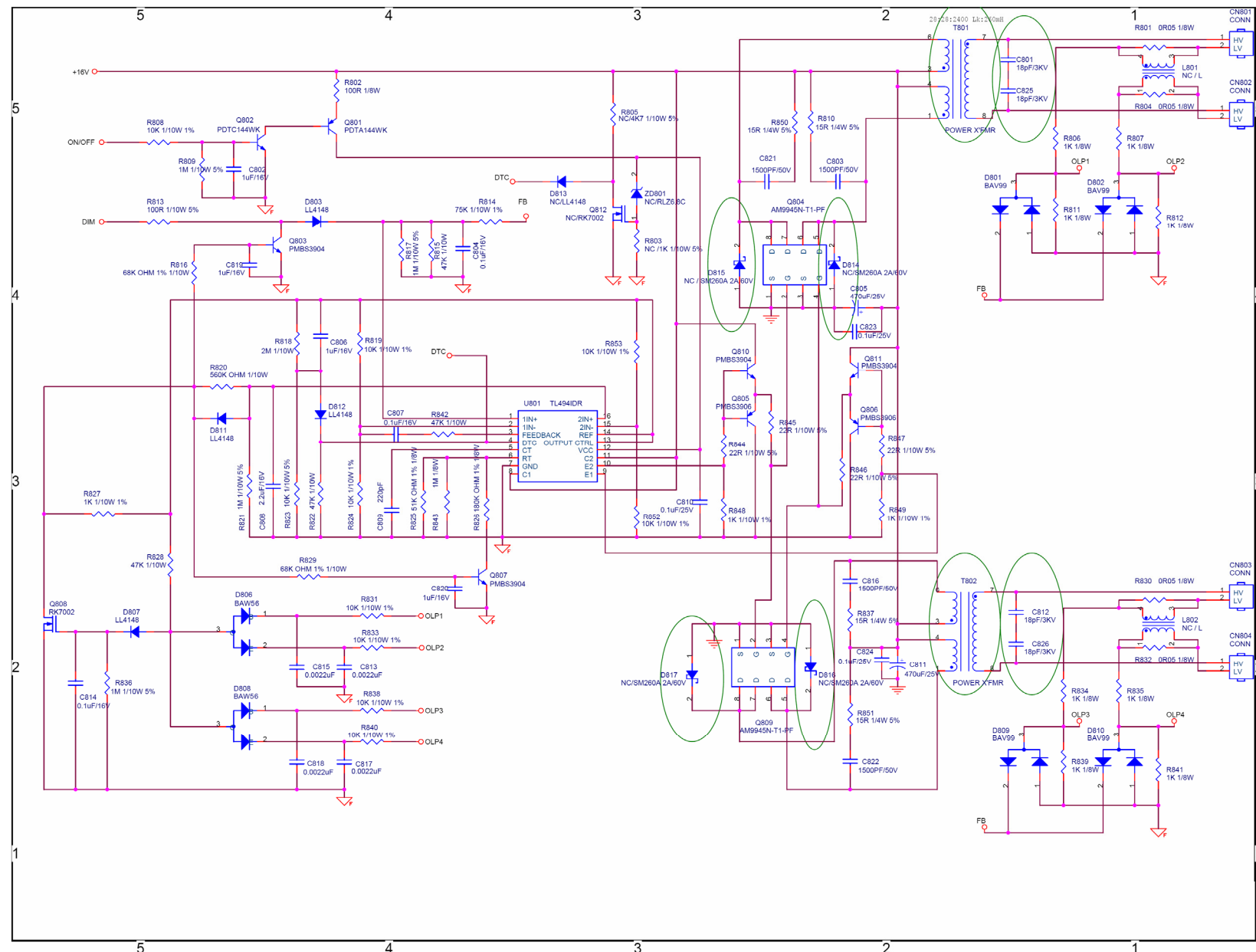


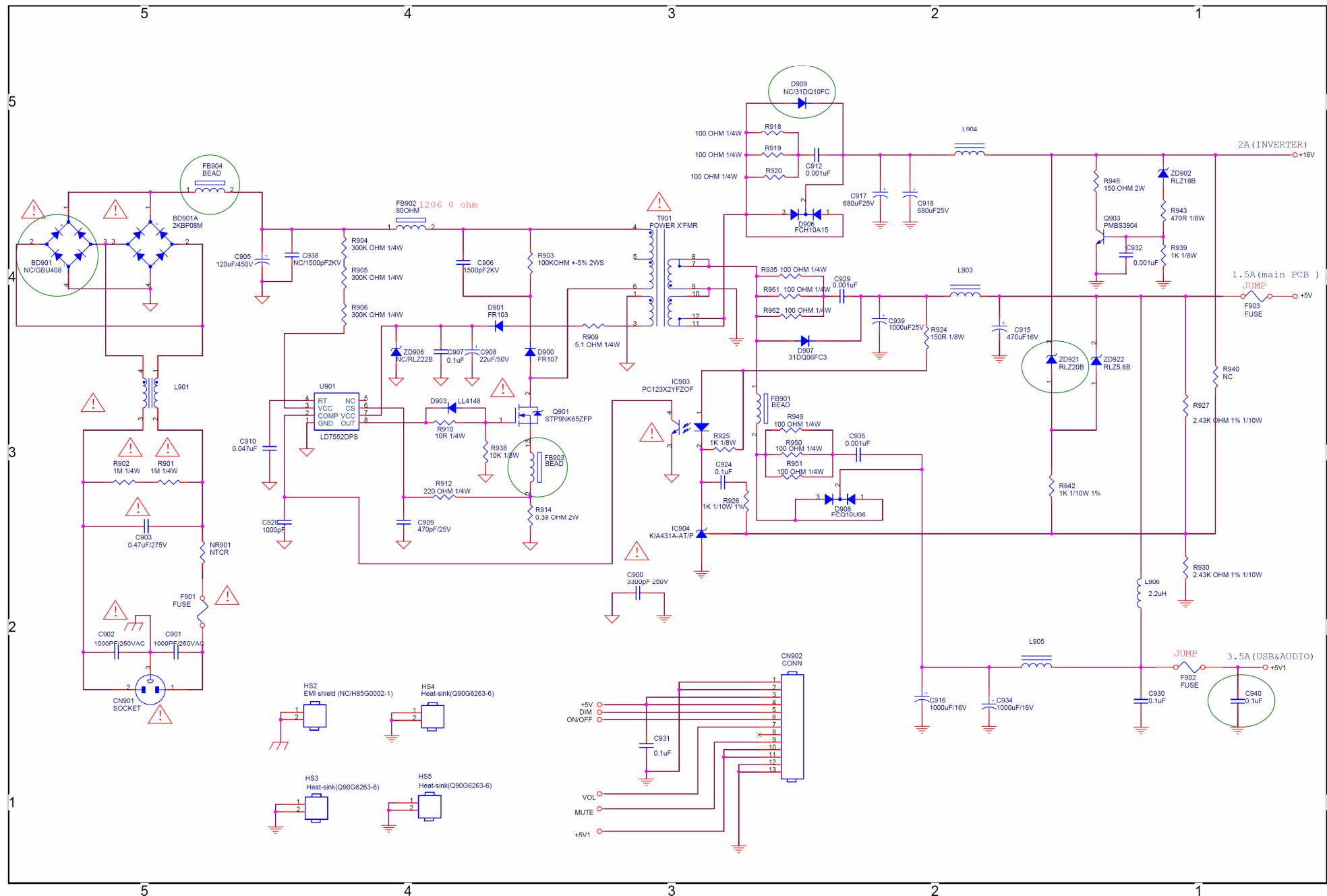
	R701	R708	U701
TSUM5PFHL	OR05 1/4W	NC	223
TSUMU58EHL	NC	3.3 OHM 2W	223
TSUMO58CWHL	NC	3.3 OHM 2W	252

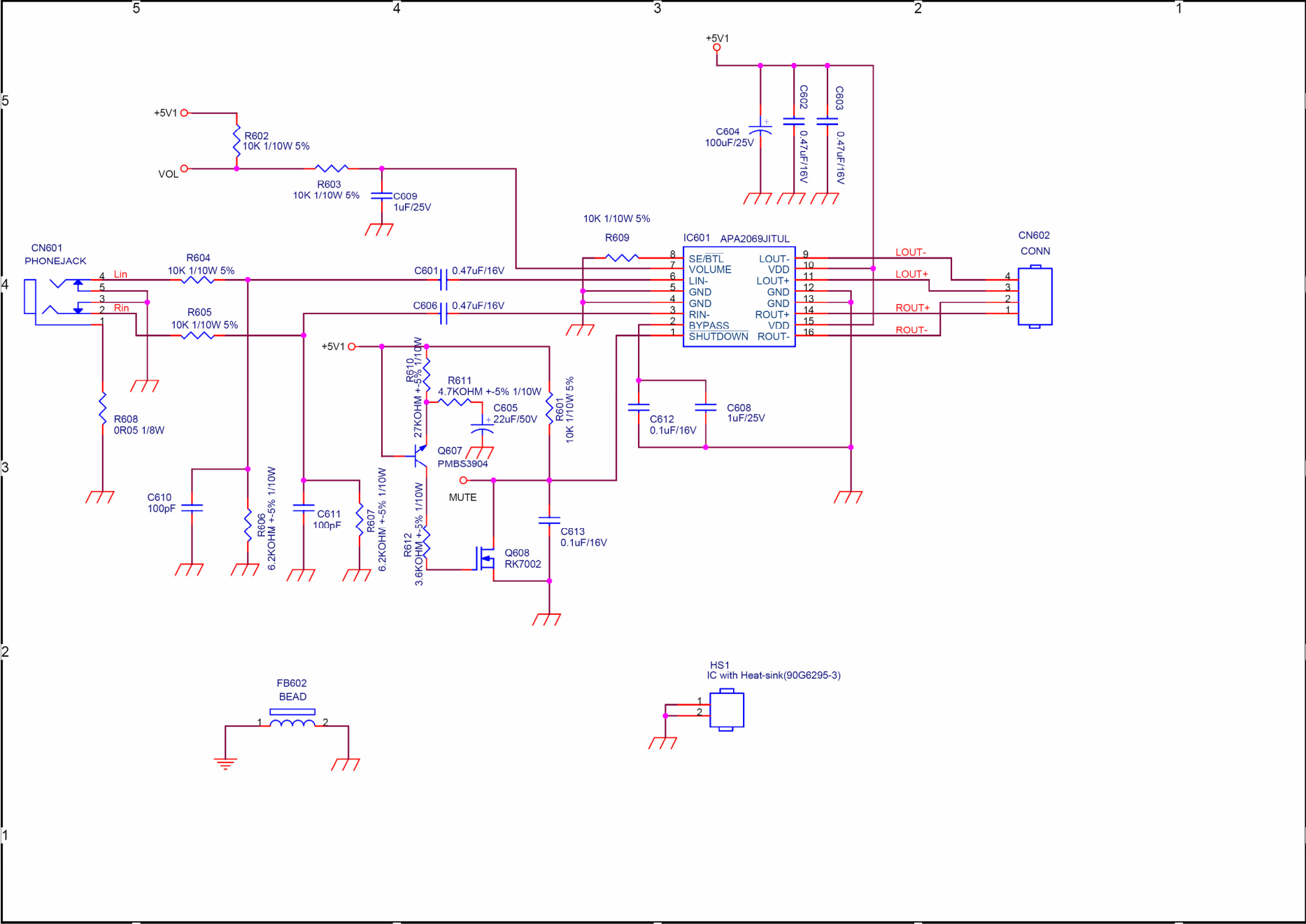


TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	NEW Q SERIES	Size	B
紙隔爪鋼腹 G2883-D-X-X-5-071217		TPV MODEL		Rev	
Key Component	4.0.POWER	PCB NAME		稱重	<稱重>
Date	Monday, December 17, 2007	Sheet	4 of 5		



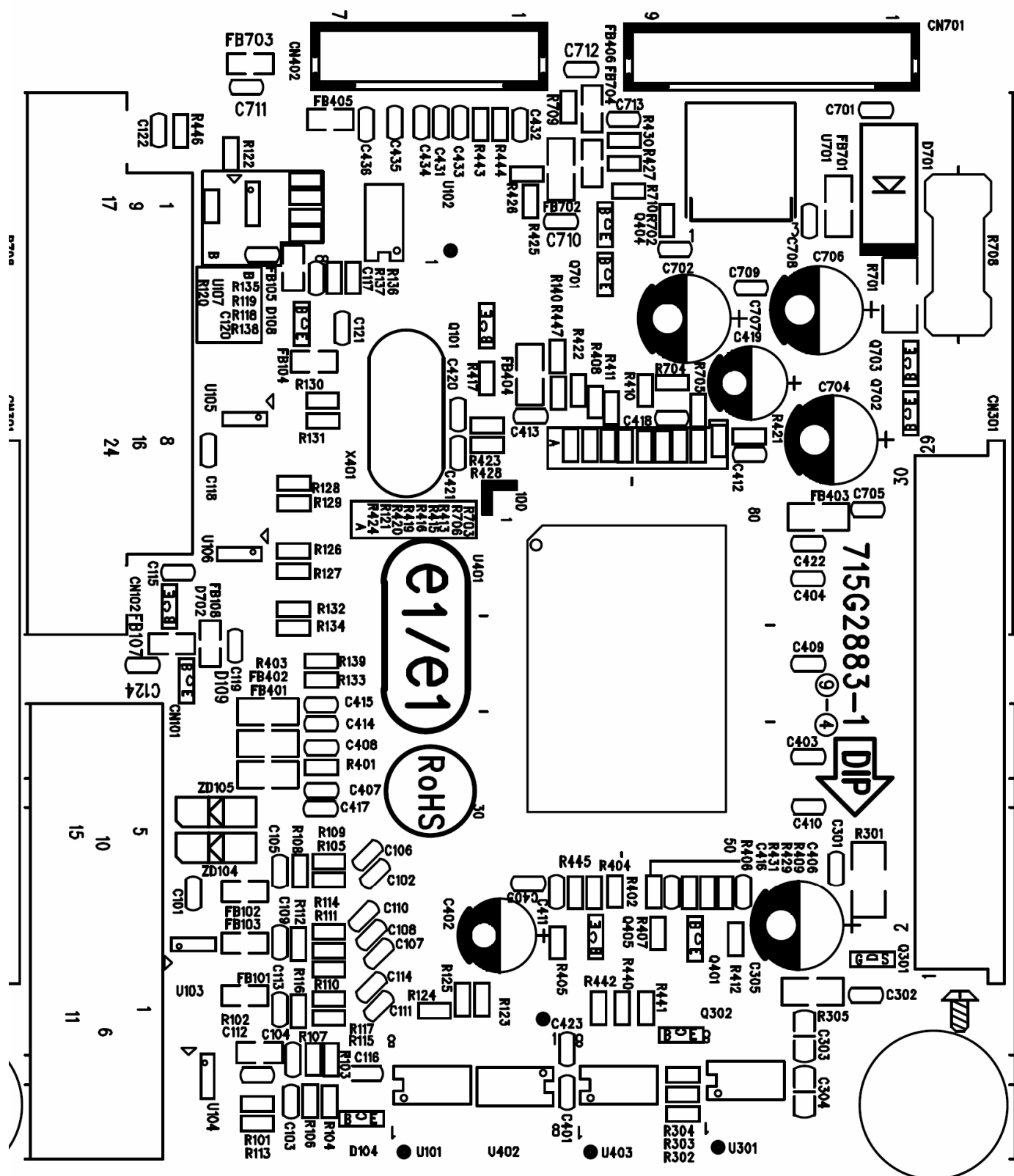


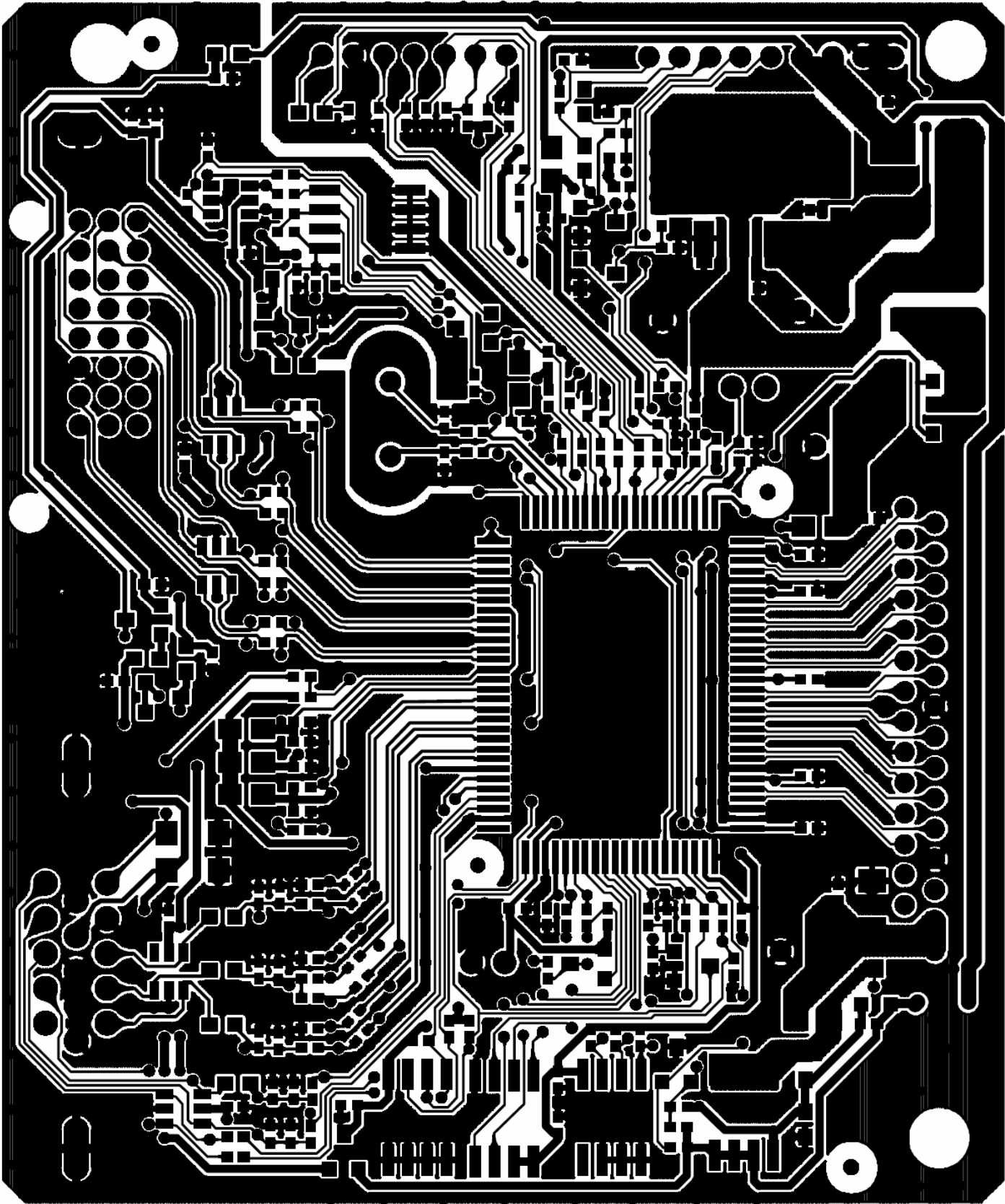




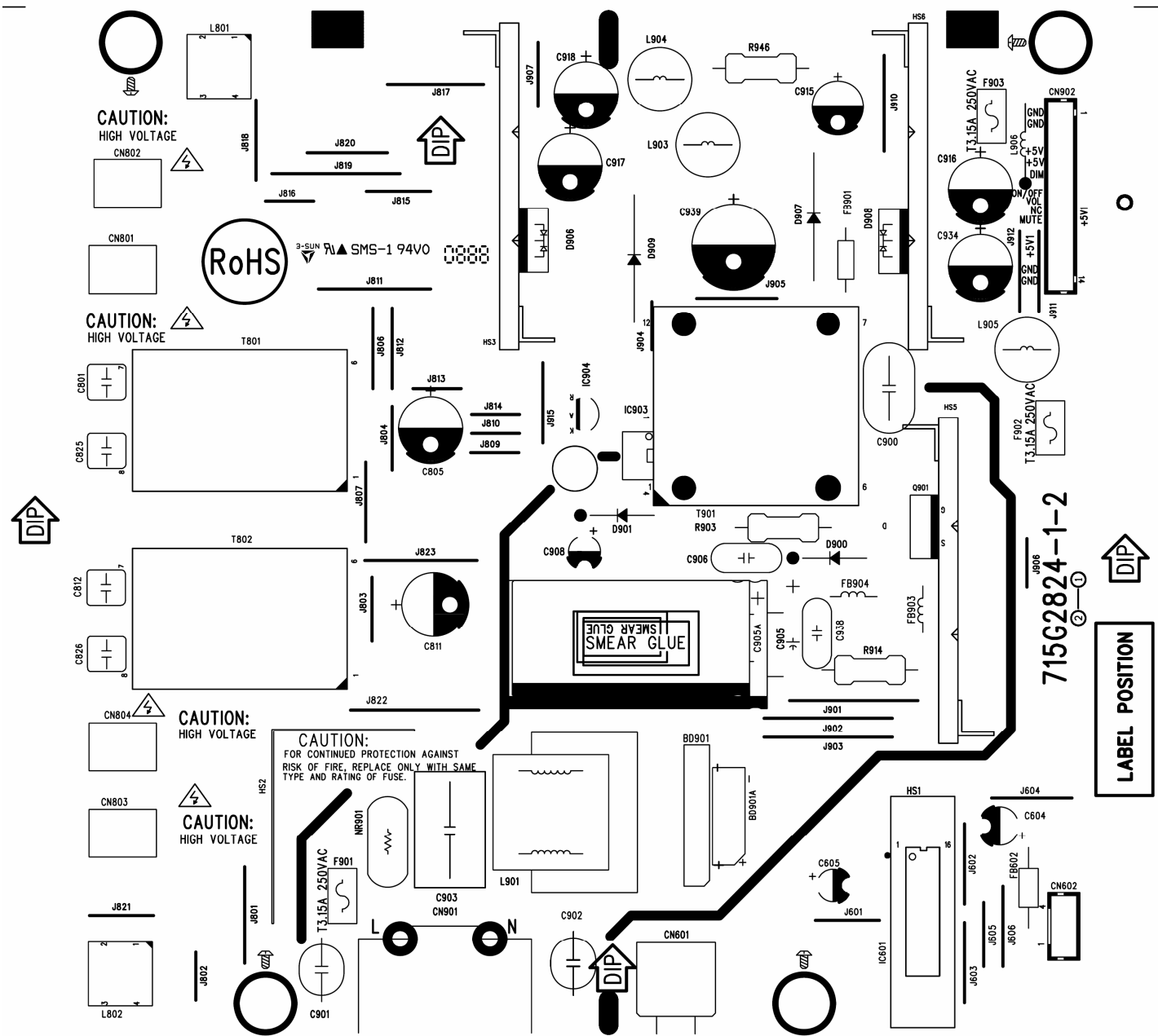
7. PCB Layout

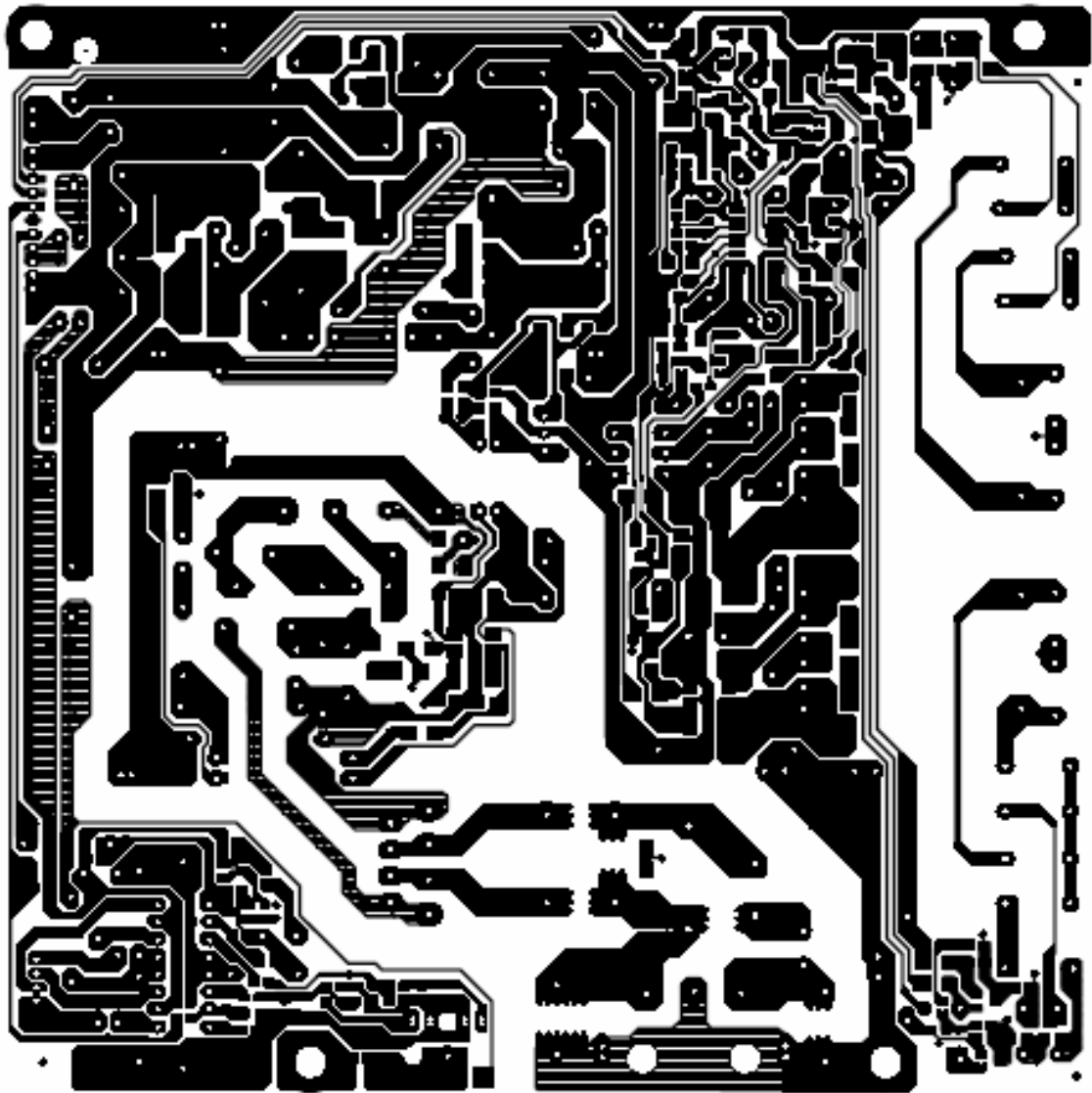
7.1 Main Board



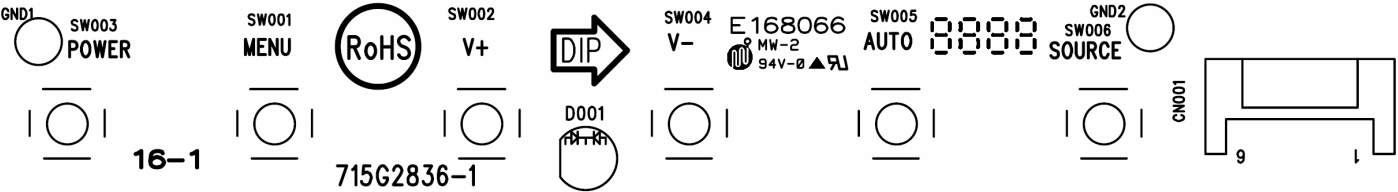
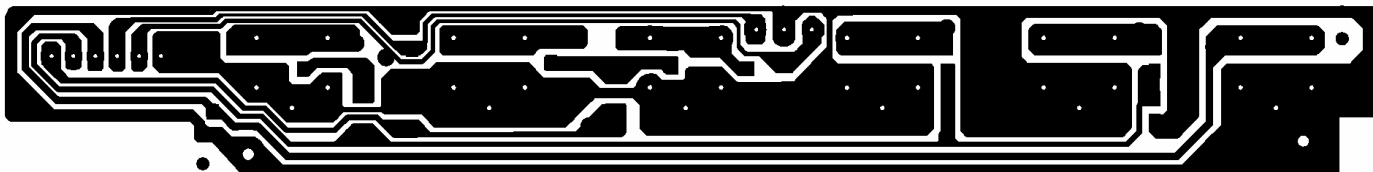


7.2 Power Board





7.3 Key board



8. Maintainability

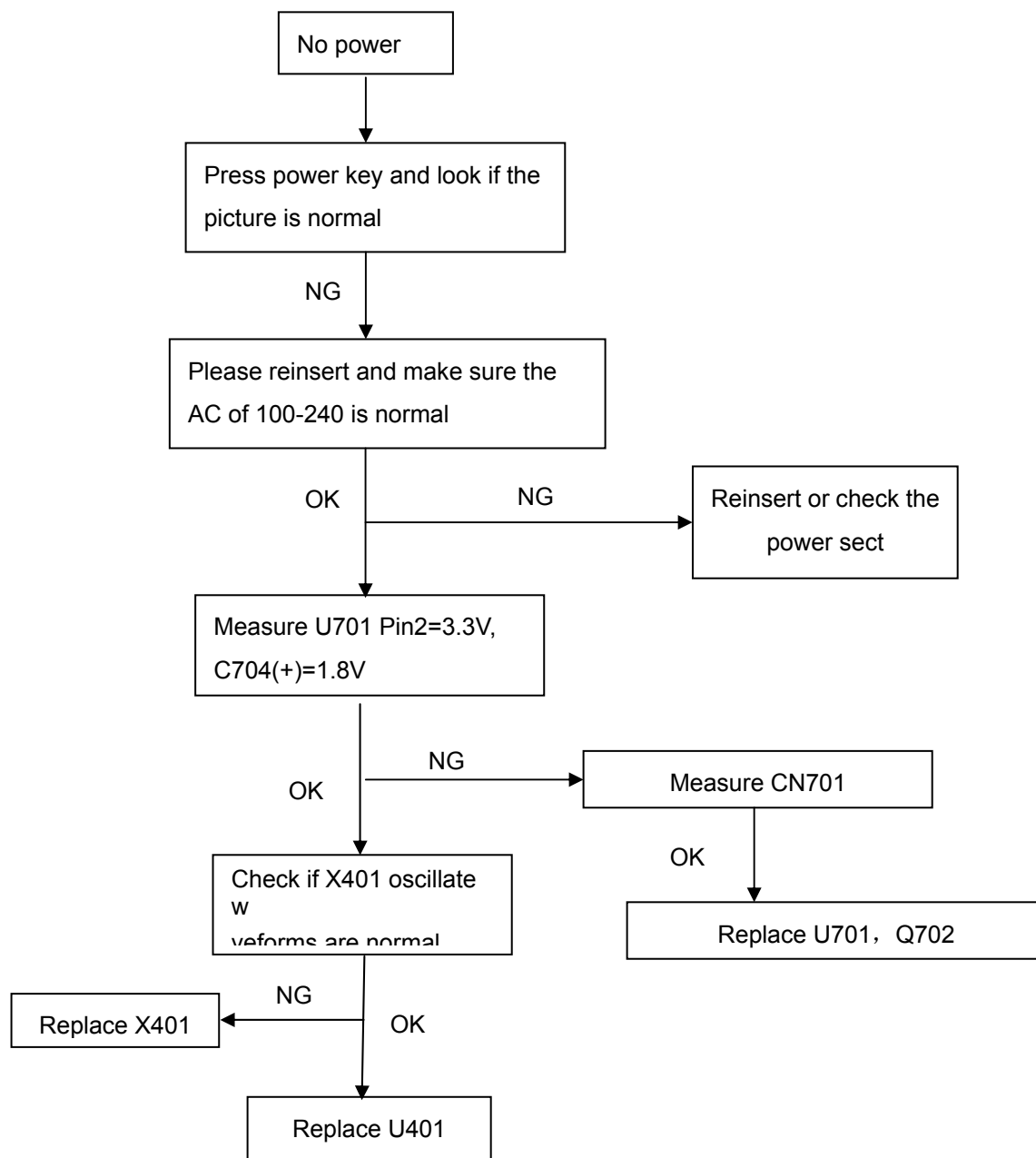
8.1 Equipment and Tools Requirement

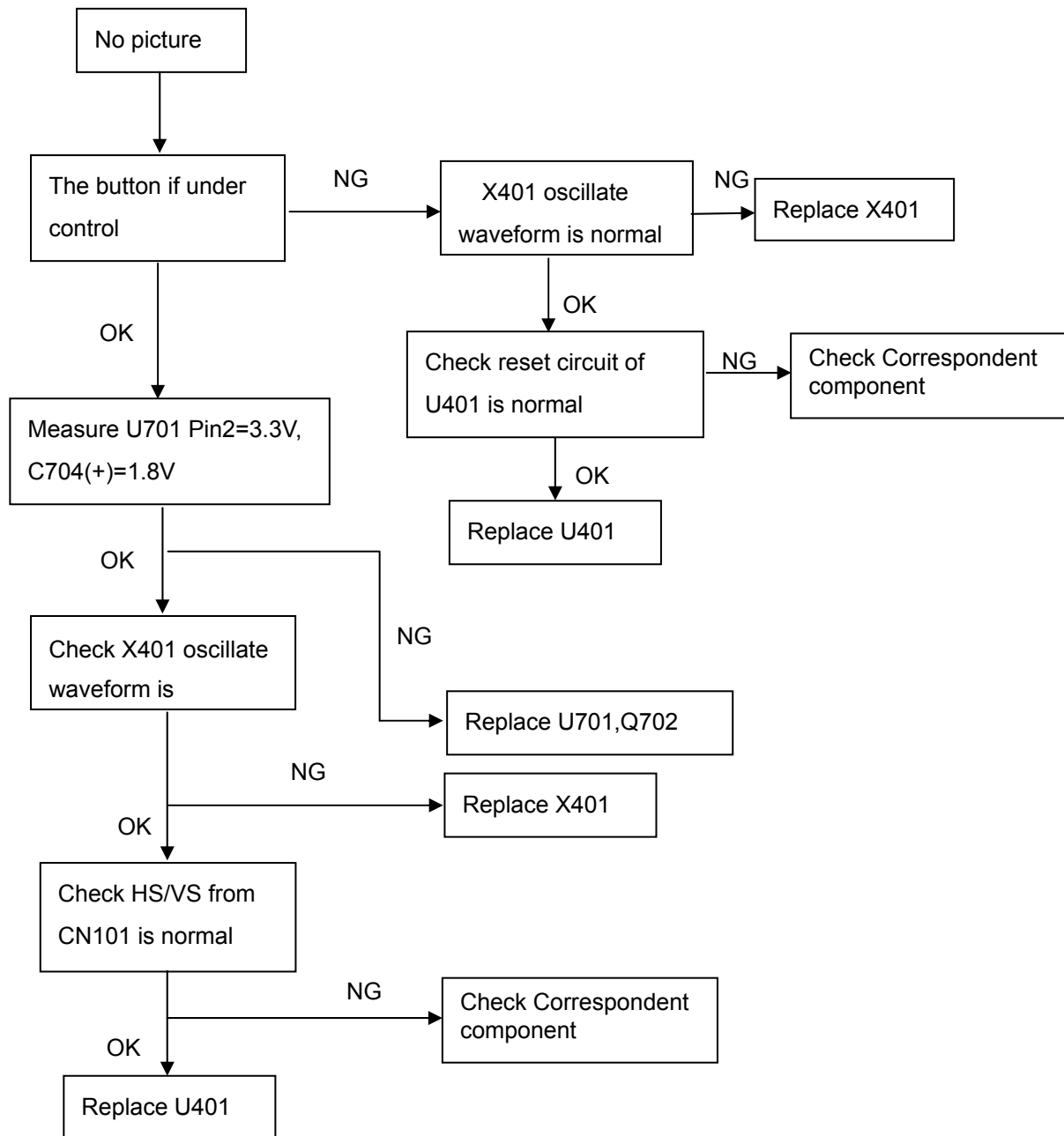
- 1 、 Voltmeter.
2. 、 Oscilloscope.
- 3 、 Pattern Generator.
- 4 、 DDC Tool with a Compatible Computer.
- 5 、 Alignment Tool
- 6 、 LCD Color Analyzer.
- 7 、 Service Manual.
- 8 、 User Manual

8.2 Trouble Shooting

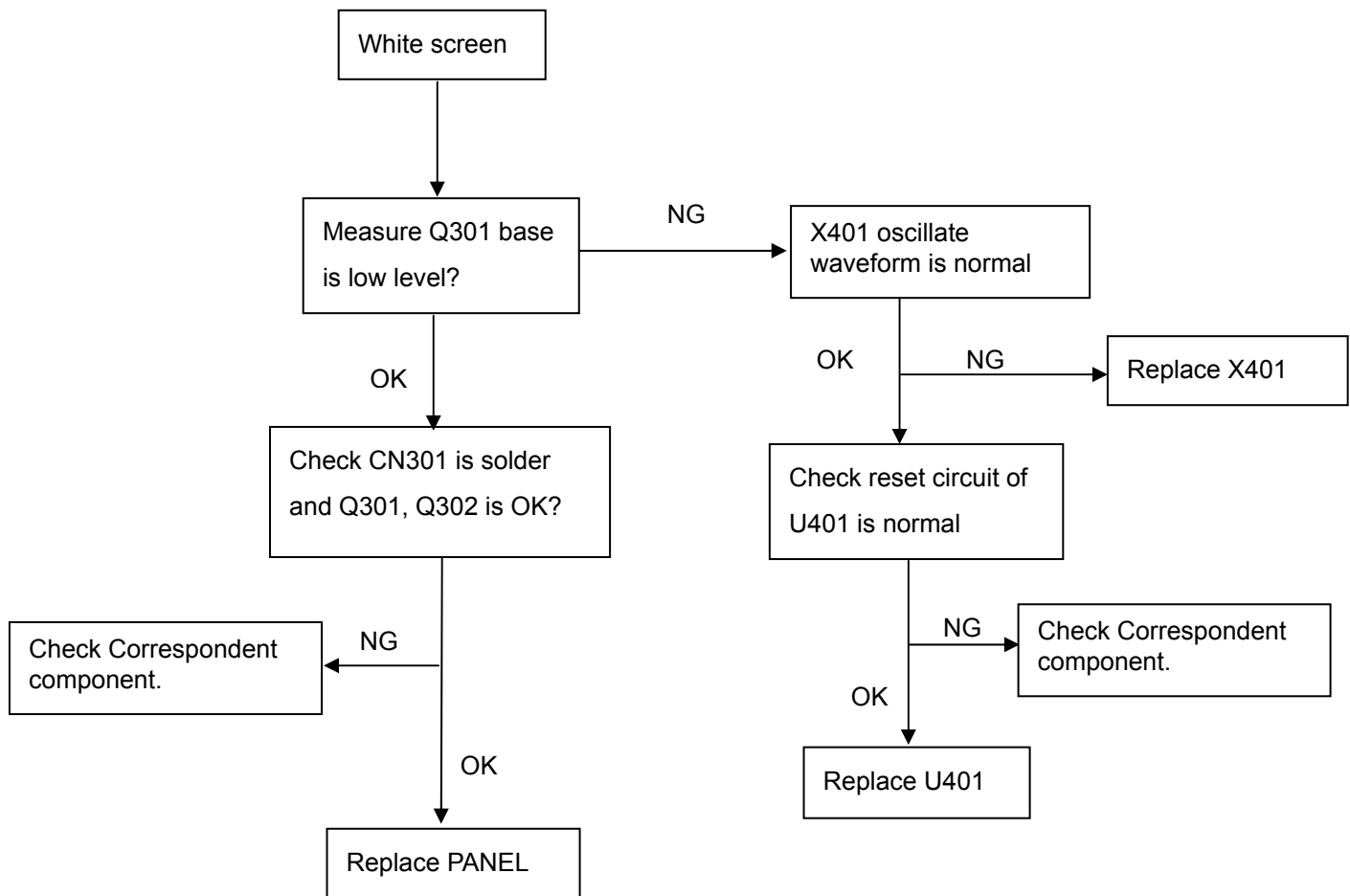
8.2.1 Main Board

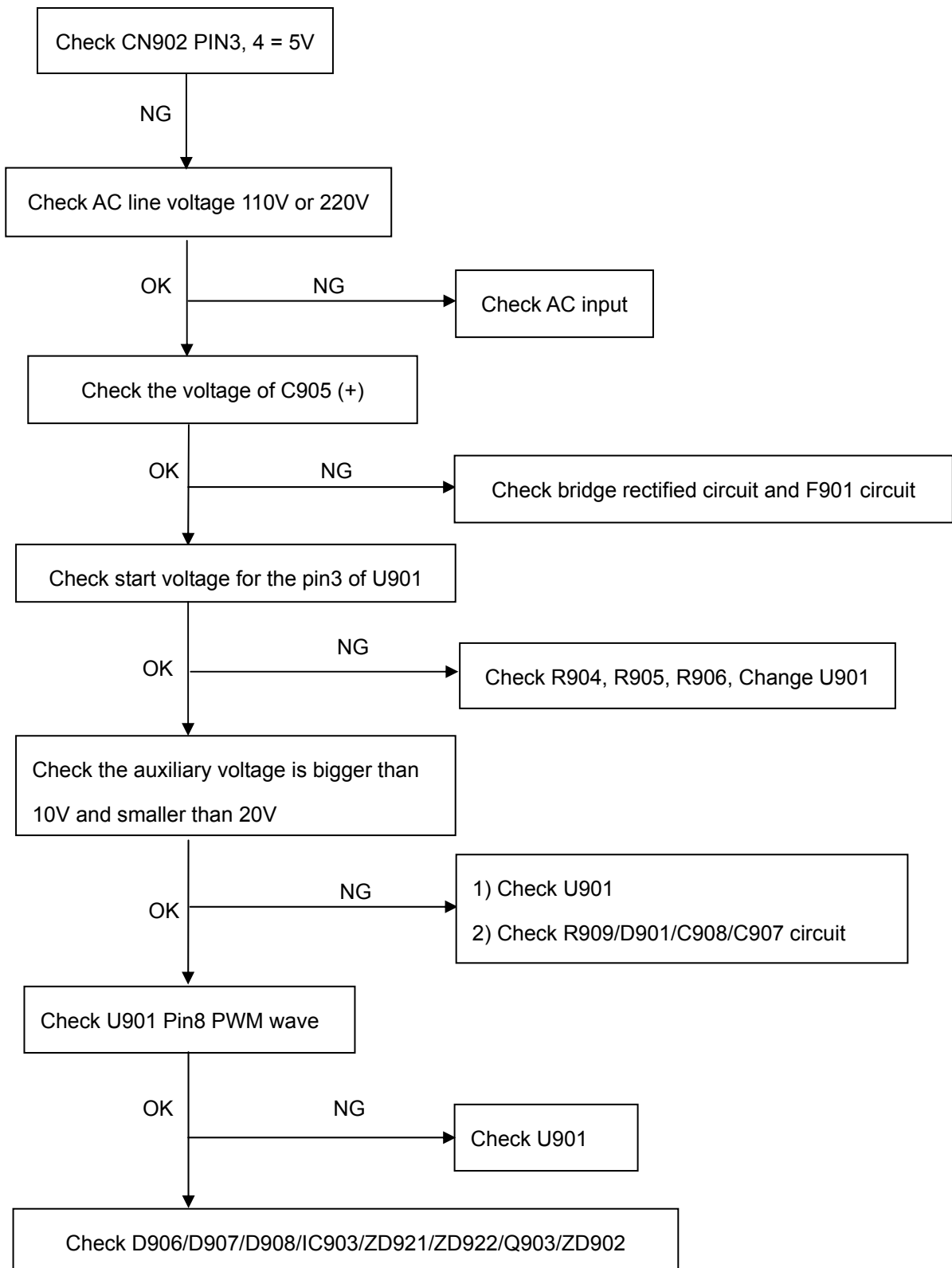
No power



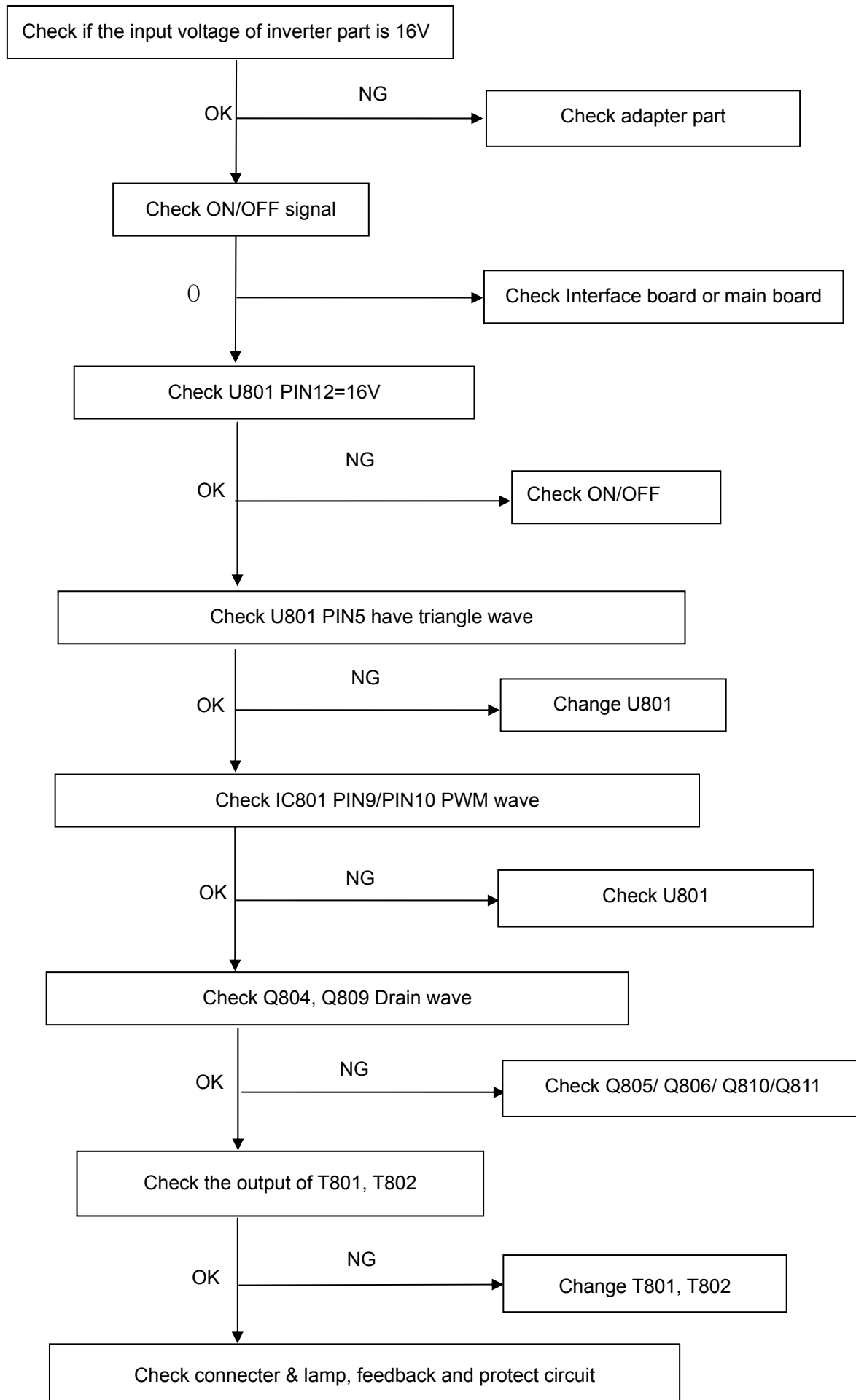
No picture (LED orange)

White screen

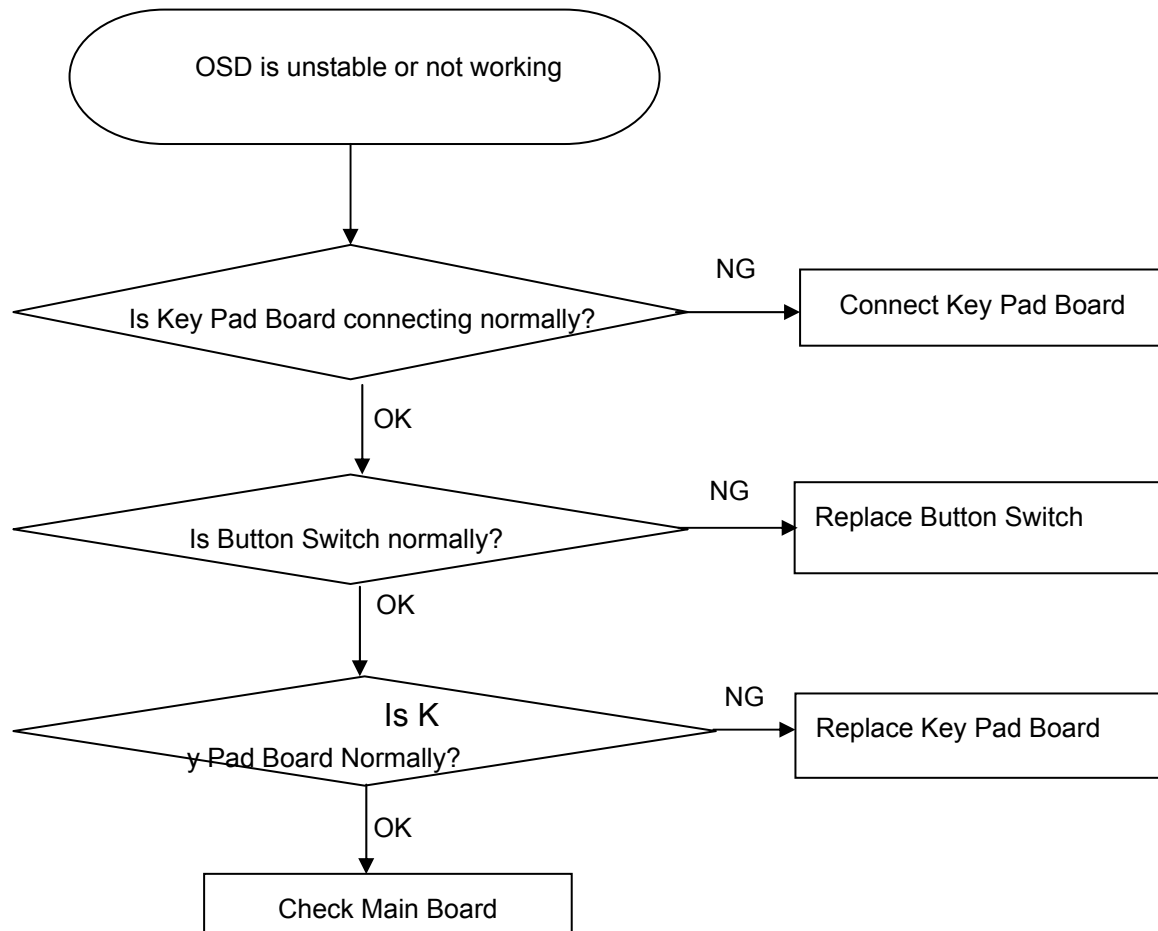


8.2.2 Power Board**1) No power**

2.) No Backlight



8.2.3 Key Board



9. White-Balance, Luminance adjustment

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM .Channel setting

A. Reference to chroma 7120 user guide

B. Use "SC" key and "NEXT" key to modify xyY value and use "ID" key to modify the TEXT description Following is the procedure to do white-balance adjust

2. Setting the color temp. You want

A. 9300K color:

9300k color temp. parameter is $x = 283 \pm 25$, $y = 297 \pm 25$, $Y = 200 \text{ cd/m}^2$.

B. 7300K color:

6500k color temp. parameter is $x = 301 \pm 25$, $y = 317 \pm 25$, $Y = 200 \text{ cd/m}^2$

C. 6500K color:

5400k color temp. parameter is $x = 313 \pm 25$, $y = 329 \pm 25$, $Y = 200 \text{ cd/m}^2$

D. sRGB color:

sRGB color temp. parameter is $x = 313 \pm 25$, $y = 329 \pm 25$, $Y = 200 \text{ cd/m}^2$

3. Enter into factory mode:

Turn on power, press the Menu button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

Set the **Contrast**  to 90

Adjust the **Brightness**  to 100.

5. Gain adjustment :

Move cursor to "-F-" and press MENU key

A. Adjust 9300K color-temperature

1. Switch the Chroma-7120 to 9300k channel.

2. The chroma 7120 will show $x = 283 \pm 25$, $y = 297 \pm 25$, $Y = 200 \text{ cd/m}^2$

3. Switch the chroma-7120 to RGB MODE (with press "MODE" button to change)

4. Adjust the RED of color color1 on factory window until chroma 7120 indicator reached the value R=100

5. Adjust the GREEN of color color1 on factory window until chroma 7120 indicator reached the value G=100

6. Adjust the BLUE of color color1 on factory window until chroma 7120 indicator reached the value B=100

7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance $= 100 \pm 2$

B. Adjust 7300K color-temperature

1. Switch the chroma-7120 to 6500k channel.

2. The chroma 7120 will show $x = 307 \pm 25$, $y = 317 \pm 25$, $Y = 200 \text{ cd/m}^2$

3. Switch the chroma 7120 to RGB MODE (with press "MODE" button to change)

4. Adjust the RED of color color2 on factory window until chroma 7120 indicator reached the value R=100

5. Adjust the GREEN of color color2 on factory window until chroma 7120 indicator reached the value G=100

6. Adjust the BLUE of color color2 on factory window until chroma 7120 indicator reached the value B=100

7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance =100±2

C. Adjust 6500K color-temperature

1. Switch the chroma-7120 to 5400K channel.
2. The chroma 7120 will show $x = 313 \pm 25$, $y = 329 \pm 25$, $Y = 200 \text{ cd/m}^2$
3. Switch the chroma 7120 to RGB MODE (with press "MODE" button to change)
4. Adjust the RED of color color3 on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN of color color3 on factory window until chroma 7120 indicator reached the value G=100. 6. Adjust the BLUE of color color3 on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance =100±2

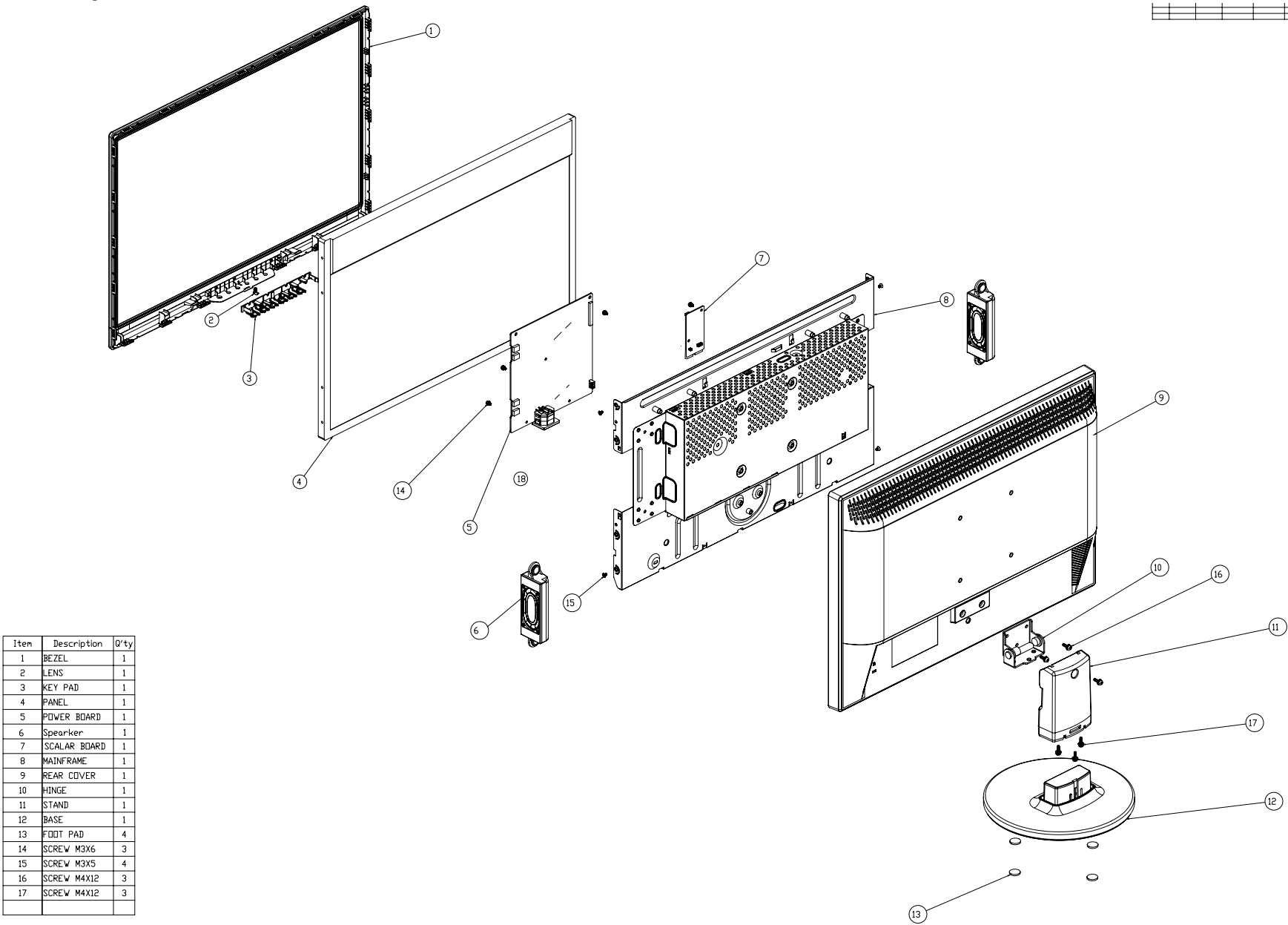
D. Adjust sRGB color-temperature

1. Switch the chroma-7120 to sRGB channel.
2. The chroma 7120 will show $x = 313 \pm 25$, $y = 329 \pm 25$, $Y = 200 \text{ cd/m}^2$
3. Switch the chroma 7120 to RGB MODE (with press "MODE" button to change)
4. Adjust the RED of color sRGB on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN of color sRGB on factory window until chroma 7120 indicator reached the value G=100
6. Adjust the BLUE of color sRGB on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance =100±2

E. Press reset key and Turn the Power-button "off to on" to quit from factory mode.

10. Monitor Exploded View

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11. BOM List**TCRMMTNFX2UQHN**

Location	TPV Part No.	Description	Remark
	050G 600 1 W	WHITE STRAP	
	050G 600 2	HANDLE1	
	050G 600 3	HANDLE2	
	052G 1150 C	INSULATING TAPE	
	052G 1185	MIDDLE TAPE	
	052G 1186	SMALL TAPE	
	052G 1207 A	Conductive Tape 45mm *25mm *0.08mm	
	052G 1211 B	AL TAPE	
	052G6019 1	INSULATING TAPE	
	070GHDCP500HDC	HDCP CODE	
	089G 725GAA DB	D-SUB CABLE	
	089G1745HAA AC	DVI CABLE	
	089G179J30N518	FFC CABLE	
	089G415A15N IS	POWER CORD	
E09502	095G8014 6D 50	HARNESS 6P-6P 208mm	2nd source
E09502	095G8014 6X 51	HARNESS 6P-6P 216mm	
	0M1G 130 5120	SCREW	
	0M1G1730 6120	SCREW,42-D020523	
	705GQ834547	22" LCD STAND-BASE ASS'Y	
	A37G0055 1	Hinge	
	AM1G1740 12 47 CR3	SCREW	
	Q12G6600 6	FOOT	
	Q34G0306AED 1B0100	STAND	
	Q34G0307AEDA1B0133	BASE 8S2	
E750	750GLMC0Z1312N	PANEL M220Z1-L03 C1 NB CMO	
E750	750GLMC0Z1322N	PANEL M220Z1-L03 C1 NB CMO	2nd source
	756GQ8CB AW004	MAIN BOARD-CBPCRMTUVQ1	
SMT-C-U402	100GTMMC000N11	MCU ASS'Y-056G1133 81	
	A15G0295901	mainframe	
	A33G0313ABJ 1L0100	key pad	
	A34G0530ABJA8B0100	REAR COVER22"	
	A34G0659AEDD2B0130	BEZEL(L22W-8Q5)	
	AM1G1740 12 47 CR3	SCREW	
	040G 45762412B	CBPC LABEL	
CN402	033G3802 6	WAFER	
CN701	033G3802 9	WAFER 9P RIGHT ANELE PITCH	
CN301	033G801930F CH JS	CONNECTOR	

R708	061G152M159 64	1.5 OHM 2W 5% MOF	
C419	067G 3151007KV	ELCAP 10UF M 50V 105°C KINGNICH	
C402	067G 3151007KV	ELCAP 10UF M 50V 105°C KINGNICH	
C305	067G 3151014KV	EC 105°C CAP 100uF M 25V	
C706	067G 3151014KV	EC 105°C CAP 100uF M 25V	
C707	067G 3151014KV	EC 105°C CAP 100uF M 25V	
C704	067G 3151014KV	EC 105°C CAP 100uF M 25V	
CN101	088G 35315F H	D-SUB 15PIN	
CN102	088G 35424F N	DVI 24PIN CONN F 附螺丝	
X401	093G 22 53 J	14.31818MHZ/32PF/49US	
U401	056G 562563	IC TSUMO58GHL-LF PQFP-100	
U701	056G 585 4A	IC AP1117E33L-13	
U103	056G 662 13	IC AZC099-04S SOT23-6L	
U104	056G 662 13	IC AZC099-04S SOT23-6L	
U105	056G 662 13	IC AZC099-04S SOT23-6L	
U106	056G 662 13	IC AZC099-04S SOT23-6L	
U107	056G 662 13	IC AZC099-04S SOT23-6L	
U403	056G1133 32	IC M24C04-WMN6TP SO8	
U402	056G1133 81	SST25LF020A-33-4C-SAE	
Q701	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q302	057G 417 13 T	KEC 2N3906S-RTK/PS	
Q702	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23	
Q703	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23	
Q301	057G 763 1	A03401 SOT23 BY AOS(A1)	
R423	061G0402000	RST CHIPR 0 OHM +-5% 1/16W	
R134	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R132	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R131	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R130	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R129	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R128	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R127	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R126	061G0402100	RST CHIPR 10 OHM +-5% 1/16W	
R101	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R105	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R109	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R111	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R113	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R114	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R115	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	

R117	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R118	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R119	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R409	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R415	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R416	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R417	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R425	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R428	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R429	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R431	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R445	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R104	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R103	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R706	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R702	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R703	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R705	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R120	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R133	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R442	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R441	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R135	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R303	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R408	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R426	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R440	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R413	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R412	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R411	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R421	061G0402104	RST CHIPR 100 KOHM +-5% 1/16W	
R419	061G0402121	RST CHIP 120R 1/16W 5%	
R420	061G0402121	RST CHIP 120R 1/16W 5%	
R106	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R107	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R401	061G0402390 0F	RST CHIP 390R 1/16W 1%	
R443	061G0402390 1F	RST CHIPR 3.9KOHM +-1% 1/16W	
R444	061G0402390 1F	RST CHIPR 3.9KOHM +-1% 1/16W	
R110	061G0402471	RST CHIPR 470 OHM +-5% 1/16W	
R704	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	

R302	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R138	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R137	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R125	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R124	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R304	061G0402473	RST CHIPR 47 KOHM +-5% 1/16W	
R139	061G0402682	RST CHIP 6K8 1/16W 5%	
R410	061G0402682	RST CHIP 6K8 1/16W 5%	
R108	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R112	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R116	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R102	061G0603000	RST CHIPR 0 OHM +-5% 1/10W	
FB403	061G0805000 F	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	
R305	061G0805000 F	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	
R403	061G0805000 F	RST CHIPR 0 OHM +-5% 1/8W FENGHUA	
R301	061G1206331	RST CHIPR 330 OHM +-5% 1/4W	
C107	065G0402102 32	1000PF +-10% 50V X7R	
C121	065G0402102 32	1000PF +-10% 50V X7R	
C122	065G0402102 32	1000PF +-10% 50V X7R	
C124	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C710	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C711	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C406	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C405	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C404	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C709	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C432	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C431	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C422	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C418	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C417	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C415	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C414	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C413	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C412	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C411	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C410	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C409	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C408	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C407	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	

C433	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C434	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C435	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C701	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C705	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C708	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C403	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C302	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C301	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C115	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C104	065G0402220 31	CHIP 22PF 50V NPO	
C103	065G0402220 31	CHIP 22PF 50V NPO	
C423	065G0402224 17	CAP CER 0.22UF -20%-80%	
C401	065G0402224 17	CAP CER 0.22UF -20%-80%	
C421	065G0402470 31	MLCC 0402 CAP 47PF J 50V NPO	
C420	065G0402470 31	MLCC 0402 CAP 47PF J 50V NPO	
C114	065G0402473 12	CHIP 0.047uF 16V X7R	
C111	065G0402473 12	CHIP 0.047uF 16V X7R	
C110	065G0402473 12	CHIP 0.047uF 16V X7R	
C108	065G0402473 12	CHIP 0.047uF 16V X7R	
C106	065G0402473 12	CHIP 0.047uF 16V X7R	
C102	065G0402473 12	CHIP 0.047uF 16V X7R	
C113	065G0402509 31	CHIP 5pF 50V NPO	
C109	065G0402509 31	CHIP 5pF 50V NPO	
C105	065G0402509 31	CHIP 5pF 50V NPO	
FB702	071G 56G301 EA	BEAD 300 欧	
FB401	071G 56V301 B	CHIP BEAD FCM2012VF-301T07 bullwill	
FB402	071G 56V301 B	CHIP BEAD FCM2012VF-301T07 bullwill	
FB404	071G 56V301 B	CHIP BEAD FCM2012VF-301T07 bullwill	
FB104	071G 59G301	CHIP BEAD 300OHM	
FB105	071G 59G301	CHIP BEAD 300OHM	
FB107	071G 59G301	CHIP BEAD 300OHM	
FB108	071G 59G301	CHIP BEAD 300OHM	
FB703	071G 59G301	CHIP BEAD 300OHM	
FB103	071G 59K190 B	19 OHM BEAD	
FB101	071G 59K190 B	19 OHM BEAD	
FB102	071G 59K190 B	19 OHM BEAD	
D702	093G 60505	DIO SIG SM BAT54C(PHSE)R	
D109	093G 60505	DIO SIG SM BAT54C(PHSE)R	
D104	093G 60505	DIO SIG SM BAT54C(PHSE)R	

D108	093G 60505	DIO SIG SM BAT54C(PHSE)R	
ZD105	093G 39GA01 T	RLZ5.6B	
ZD104	093G 39GA01 T	RLZ5.6B	
D701	093G3004 3	SM340A	
	715G2883 1	MAIN PCB FR-4 D/S 67X80MM	
	KEPC7AC3	KEY G2836-D-X-X-3-080201	
CN001	033G3802 6H	WAFER 6P RIGHT ANGLE PITCH 2.0	
SW006	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW001	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW002	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW004	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW003	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW005	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
LED001	081G 121HT GP	LED 3PIN 3Φ 黄绿 GP32032M/G307-ZY-50D	
R006	061G0603000	RST CHIPR 0 OHM +-5% 1/10W	
R003	061G0603000	RST CHIPR 0 OHM +-5% 1/10W	
R005	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R004	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W	
R002	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W	
J002	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
J001	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
C004	065G0603151 32	CHIP 150PF 50V X7R	
C005	065G0603151 32	CHIP 150PF 50V X7R	
C011	065G0603151 32	CHIP 150PF 50V X7R	
C001	065G0603151 32	CHIP 150PF 50V X7R	
C003	065G0603151 32	CHIP 150PF 50V X7R	
	715G2836 1	KEPC PCB FR1 127x17x1.6mm SS	
	PWPC8C42MQE9	POWER G2824-1-2-X-27-080530	
	040G 45762412B	CBPC LABEL	
CN801	033G8021 2E F	WAFER	
CN802	033G8021 2E F	WAFER	
CN803	033G8021 2E F	WAFER	
CN804	033G8021 2E F	WAFER	
CN801	033G8021 2E U	INVERT CONNECTOR	
CN802	033G8021 2E U	INVERT CONNECTOR	
CN803	033G8021 2E U	INVERT CONNECTOR	
CN804	033G8021 2E U	INVERT CONNECTOR	
IC903	056G 139 3A	IC PC123Y22FZ0F	
NR901	061G 58100 W	RST NTCR 10 OHM +-20% 5A THINKING	
C903	063G 107474 U	MPX-474K27B15L3	

C903	063G107K474 TS	CAP X2 0.47UF K 275VAC	
C801	065G 3J1806ET	18PF 5% SL3KV TDK	
C812	065G 3J1806ET	18PF 5% SL3KV TDK	
C825	065G 3J1806ET	18PF 5% SL3KV TDK	
C826	065G 3J1806ET	18PF 5% SL3KV TDK	
C902	065G305M1022BP	Y2 1000PF M 250VAC Y5P	
C901	065G305M1022BP	Y2 1000PF M 250VAC Y5P	
C900	065G306M3322BP	3300PF 20%	
C905	067G 31512115K	EC 120uF 450V 20*40mm	
C811	067G215D4714KV	E.C 105℃ CAP 470UF M 25V ED SERIES	
C805	067G215D4714KV	E.C 105℃ CAP 470UF M 25V ED SERIES	
C918	067G215D6814KV	CAP 105℃ 680uF M 25V	
C917	067G215D6814KV	CAP 105℃ 680uF M 25V	
C939	067G215S1024KV	EC 105℃ CAP 1000UF M 25V	
C915	067G215S4713KV	EC 105℃ CAP 470UF M 16V	
L904	073G 253 91 H	CHOKE COIL	
L903	073G 253 91 H	CHOKE COIL	
L904	073G 253 91 L	CHOKE BY LI TA	
L903	073G 253 91 L	CHOKE BY LI TA	
L901	073L 174 40 HG	GBQM4.778.391	
T802	080GL20T510 DN	X'FMR INVERTER 142uH	
T801	080GL20T510 DN	X'FMR INVERTER 142uH	
T901	080GL22T 3 N	X'FMR 510uH YUVA-822	
CN901	087G 50132A DL	AC SOCKET 3PIN	
BD901A	093G 50460 28	BRIDGE DIODE KBP208G LITEON	
D907	093G3006 1 1	31DQ06FC3 NIHON INTER	
CN902	095G 820 7E502	WIRE HARNESS 7P(SAN)-9P(PH)	2nd source
CN902	095G 820 7W502	WIRE HARNESS 7P(SAN)-9P(PH)	
C908	096G 29 8	TUBE	
	705GQ793078	D906 ASS'Y	
D906	093G 60238	FCH10A15	
	0M1G1730 8120	SCREW	
HS3	Q90G6263 6	HEAT SINK	
	705GQ857012	Q901 ASS'Y	
Q901	057G 667 21	STP10NK70ZFP	
	AM1G1730 8120	SCREW	
HS5	Q90G6263 6	HEAT SINK	
U801	056G 379 22	IC TL494IDR SOIC-16	
U901	056G 379 98	IC LD7552DPS SOP-8	
Q903	057G 417 4	PMBS3904/PHILIPS-SMT(04)	

Q811	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q810	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q807	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q803	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q805	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q806	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q808	057G 759 2	RK7002	
Q801	057G 760 4B	PDTA144WK SOT346	
Q802	057G 760 5B	PDTC144WK SOT346	
Q809	057G 763 6	AO4828L	
Q804	057G 763 6	AO4828L	
Q804	057G 763 14	AM9945N	
Q809	057G 763 14	AM9945N	
R827	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R848	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R849	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R926	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R942	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R808	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R819	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R824	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R831	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R833	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R838	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R840	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R852	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R853	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R813	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R823	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R809	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R817	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R821	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R836	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R818	061G0603205	RST CHIPR 2 MOHM +-5% 1/10W	
R844	061G0603220	RST CHIPR 22 OHM +-5% 1/10W	
R847	061G0603220	RST CHIPR 22 OHM +-5% 1/10W	
R930	061G0603243 1F	RST CHIPR 2.43K OHM +-1% 1/10W	
R927	061G0603243 1F	RST CHIPR 2.43K OHM +-1% 1/10W	
R815	061G0603270 2F	RST CHIPR 27 KOHM +-1% 1/10W	
R828	061G0603470 2F	RST CHIPR 47 KOHM +-1% 1/10W	

R842	061G0603470 2F	RST CHIPR 47 KOHM +-1% 1/10W	
R822	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R820	061G0603564	RST CHIPR 560 KOHM +-5% 1/10W	
R845	061G0603680	RST CHIPR 68 OHM +-5% 1/10W	
R846	061G0603680	RST CHIPR 68 OHM +-5% 1/10W	
R829	061G0603680 2F	RST CHIPR 68K OHM +-1% 1/10W	
R816	061G0603680 2F	RST CHIPR 68K OHM +-1% 1/10W	
R814	061G0603750 2F	RST CHIPR 75KOHM +-1% 1/10W	
R804	061G0805000	RST CHIPR 0 OHM +-5% 1/8W	
R801	061G0805000	RST CHIPR 0 OHM +-5% 1/8W	
R832	061G0805000	RST CHIPR 0 OHM +-5% 1/8W	
R830	061G0805000	RST CHIPR 0 OHM +-5% 1/8W	
R806	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R807	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R834	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R835	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R843	061G0805100 4F	RST CHIPR 1 MOHM +-1% 1/8W	
R802	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R925	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R939	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R938	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R841	061G0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W	
R839	061G0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W	
R812	061G0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W	
R811	061G0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W	
R924	061G0805151	RST CHIPR 150 OHM +-5% 1/8W	
R826	061G0805221 3F	RST CHIPR 221 KOHM 1/8W +-5%	
R943	061G0805471	RST CHIPR 470 OHM +-5% 1/8W	
R825	061G0805510 2F	RST CHIPR 51K OHM +-1% 1/8W	
RJ801	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ802	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ803	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ804	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ805	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ806	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ807	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ808	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ809	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ810	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	
RJ901	061G1206000	RST CHIPR 0 OHM +-5% 1/4W	

R910	061G1206100	RST CHIPR 10 OHM +-5% 1/4W	
R962	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R961	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R935	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R920	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R919	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R918	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R901	061G1206105	1M 1206	
R902	061G1206105	1M 1206	
R810	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R837	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R850	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R851	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R912	061G1206221	RST CHIPR 220 OHM +-5% 1/4W	
R904	061G1206304	RST CHIPR 300k OHM +-5% 1/4W	
R905	061G1206304	RST CHIPR 300k OHM +-5% 1/4W	
R906	061G1206304	RST CHIPR 300k OHM +-5% 1/4W	
R909	061G1206519	RST CHIPR 5.1 OHM +-5% 1/4W	
C932	065G0603102 32	1000PF +-10% 50V X7R	
C804	065G0603104 12	CER2 0603 X7R 16V 100N P	
C807	065G0603104 12	CER2 0603 X7R 16V 100N P	
C814	065G0603104 12	CER2 0603 X7R 16V 100N P	
C810	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R	
C802	065G0603105 12	CHIP 1UF 16VX7R 0603	
C806	065G0603105 12	CHIP 1UF 16VX7R 0603	
C819	065G0603105 12	CHIP 1UF 16VX7R 0603	
C820	065G0603105 12	CHIP 1UF 16VX7R 0603	
C818	065G0603222 22	CHIP 2200PF 25V X7R	
C817	065G0603222 22	CHIP 2200PF 25V X7R	
C815	065G0603222 22	CHIP 2200PF 25V X7R	
C813	065G0603222 22	CHIP 2200PF 25V X7R	
C928	065G0805102 31	CAP CHIP 0805 1000PF J 50V NPO	
C824	065G0805104 22	0.1UF +-10% 25V X7R 080	
C823	065G0805104 22	0.1UF +-10% 25V X7R 080	
C931	065G0805104 32	CAP CHIP 0805 0.1uF K 50V X7R	
C924	065G0805104 32	CAP CHIP 0805 0.1uF K 50V X7R	
C907	065G0805104 32	CAP CHIP 0805 0.1uF K 50V X7R	
C828	065G0805152 32	CHIP 1500PF 50V X7R 0805	
C827	065G0805152 32	CHIP 1500PF 50V X7R 0805	
C822	065G0805152 32	CHIP 1500PF 50V X7R 0805	

C821	065G0805152 32	CHIP 1500PF 50V X7R 0805	
C816	065G0805152 32	CHIP 1500PF 50V X7R 0805	
C803	065G0805152 32	CHIP 1500PF 50V X7R 0805	
C809	065G0805221 31	CAP CHIP 0805 220PF J 50V NPO	
C808	065G0805225 12	CAP CHIP 0805 2.2UF K 16V X7R	
C909	065G0805471 21	CAP CHIP 0805 470PF J 25V NPO	
C910	065G0805473 32	CHIP 0.047UF 50V X7R	
C929	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
C912	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
FB902	071G 57G800 B	CHIP BEAD HCB3216KF-800T30 bullwill	
D801	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D802	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D809	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D810	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D806	093G 64 38 D	DIODE BAW56 DIODES	
D808	093G 64 38 D	DIODE BAW56 DIODES	
ZD921	093G 39S 12 T	RLZ20B LLDS	
ZD922	093G 39S 24 T	RLZ 5.6B LLDS	
ZD902	093G 39S 44 T	RLZ18B LLDS	
D903	093G 64S511SEM	IN4148W	
D812	093G 64S511SEM	IN4148W	
D811	093G 64S511SEM	IN4148W	
D803	093G 64S511SEM	IN4148W	
D807	093G 64S511SEM	IN4148W	
CN901	006G 31500	EYELET	
T901	006G 31502	1.5MM RIVET	
IC904	056G 158 12	KIA431A-AT/P TO-92	
IC904	056G 158504AME	IC AME431BAJATB25Z AME	
R903	061G152M10452T	RST MOFR 100KOHM +-5% 2WS	
R946	061G152M15152T	RST MOFR 150 OHM +-5% 2WS	
R914	061G152M39852T	RST MOFR 0.39 OHM +-5% 2WS	
C906	065G 2K152 1T6213	CAP CER 1500PF K 2KV	
C908	067G215Y2207KT	CAP 105°C 22UF M 50V KINGNICH	
FB904	071G 55 29	FERRITE BEAD	
FB903	071G 55 29	FERRITE BEAD	
F903	084G 56 3 B	FUSE 3.15A 250V	
F901	084G 56 3 B	FUSE 3.15A 250V	
D900	093G 6026T52T	RECTIFIER DIODE FR107	
D901	093G 6038T52T	FR103	
D900	093G1100 1152T	DIODE PR1007R 1A/1000V DO-41	

22" LCD Color Monitor

Adelpia TGL2240A

	715G2824 1 2	POWER-PCB,FR-1,94V-0,T1.6MM,160*160MM	
L904	S73G25391V	CHOKE COIL ASS'Y	
	Q33G0171 1 1C0100	LENS	
	Q40G 22N972 8A	RATING LABEL	
	Q40G0002972 1C	Box Sealing label	
	Q40G000297212A	Energy star label black	
	Q40G000297219A	POP LABEL FOR TGL2240A	
	Q44GC034101	EPS(L)	
	Q44GC034201	EPS(R)	
	Q44GC034972 2A	22 LCD CARTON	
	Q45G 77 5	PE PACKING	
	Q45G 88606 R	PE BAG FOR BASE	
	Q45G 88609 74 R	epe bag for monitor	
	Q52G6020 29	PROTECT FILM	
	Q41G2201972 7A	manual	
	Q45G 76 28 RN R	PE BAG MANUAL	
	040G 58162435A	P/N LABEL FOR MANUAL PE BAG	
	Q40G0001972 1A	Carton label	